

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES



Bituminous Coal Division

1960

Annual Report

HARRISBURG, PENNSYLVANIA

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COMMONWEALTH of PENNSYLVANIA
DEPARTMENT of MINES and MINERAL INDUSTRIES



Bituminous Coal Division

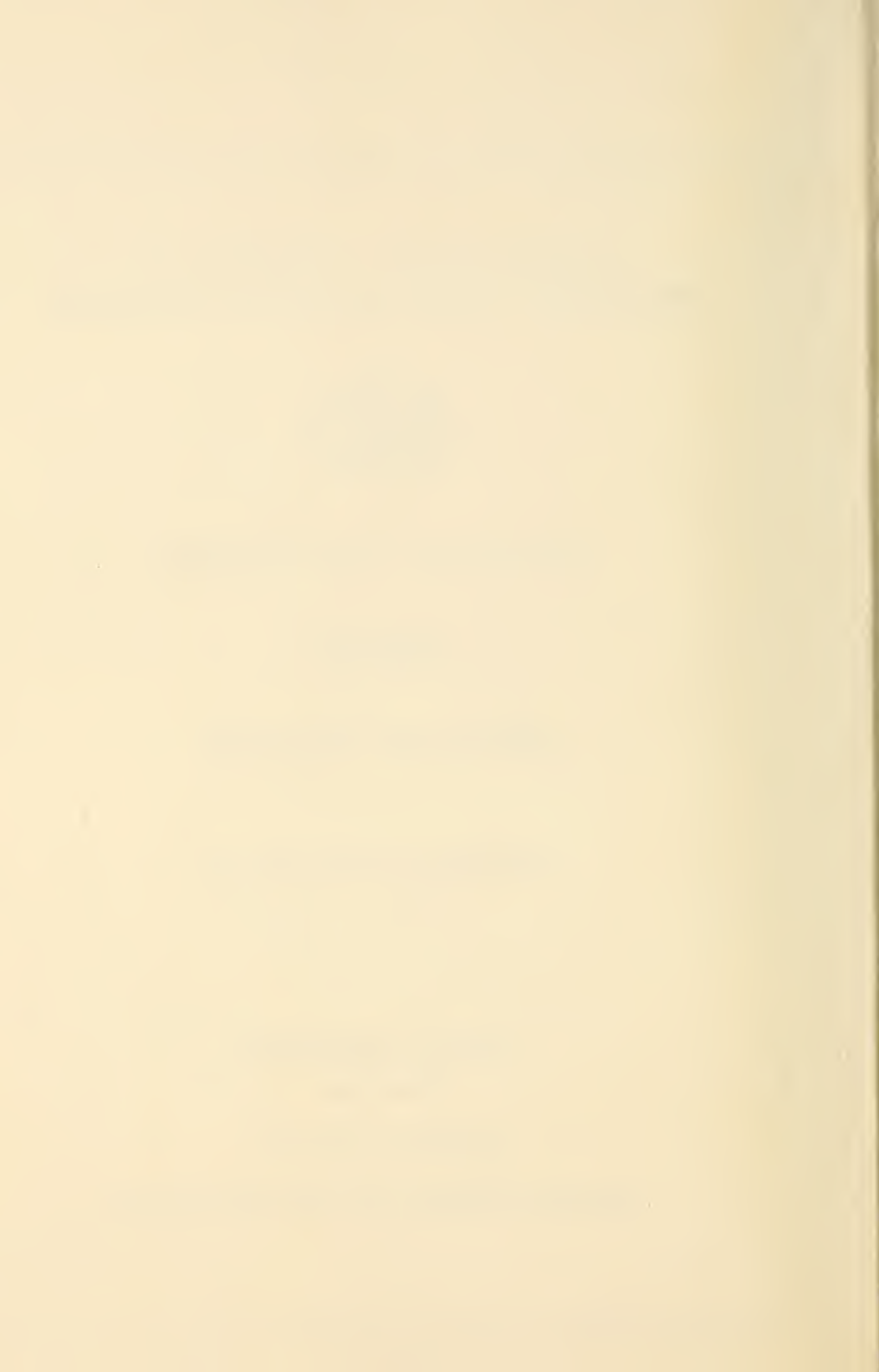
1960

Annual Report

Harrisburg, Pennsylvania

DAVID L LAWRENCE
Governor

LEWIS E. EVANS
Secretary of Mines and Mineral Industries





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND
MINERAL INDUSTRIES
HARRISBURG

LEWIS E. EVANS
THE SECRETARY

March 31, 1961

Honorable David L. Lawrence
Governor of Pennsylvania
Harrisburg, Pennsylvania

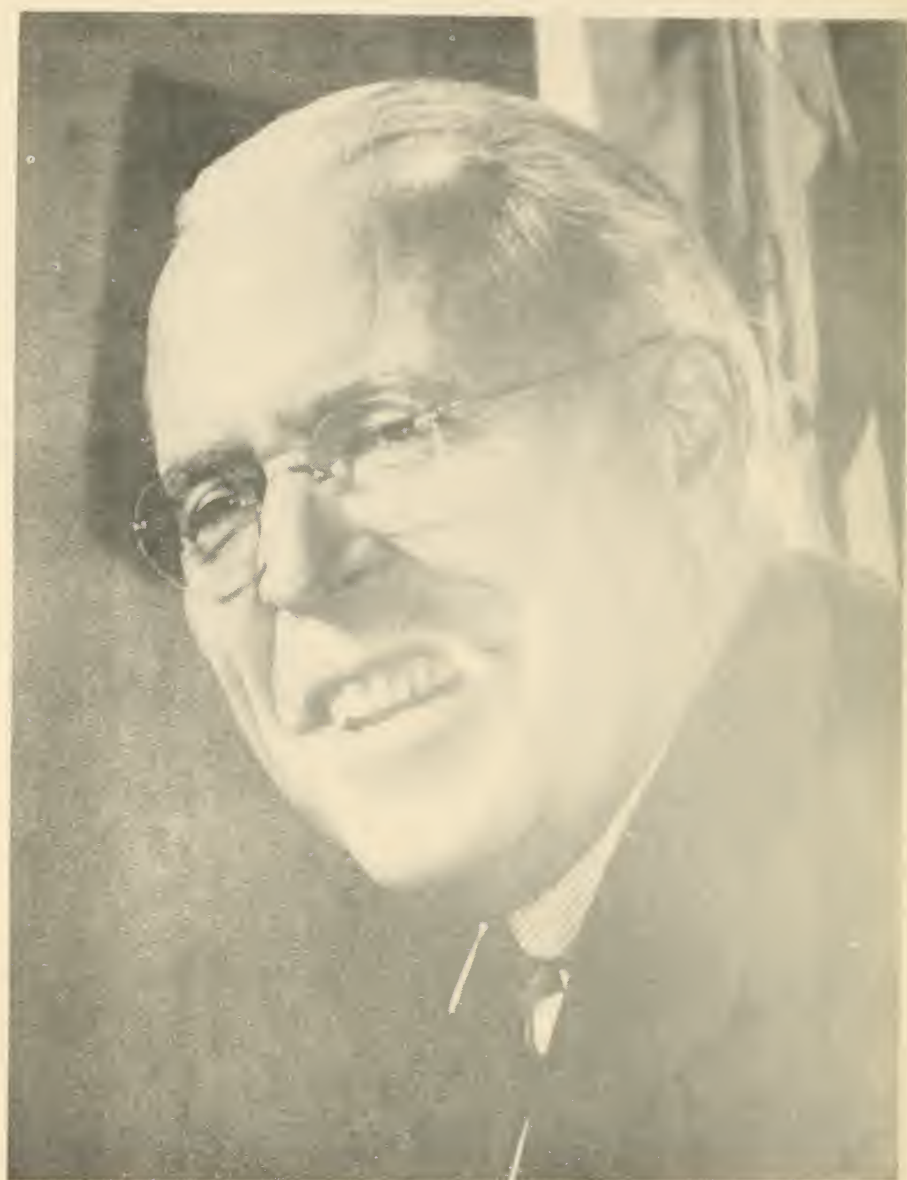
Dear Governor:

In compliance with the Act of April 14,
1903, I transmit herewith the Report of the Department
of Mines and Mineral Industries for the year ending
December 31, 1960, covering in detail the operations
in the Bituminous Coal Division of Pennsylvania.

Respectfully submitted,

A handwritten signature in cursive script that reads "Lewis E. Evans".

Lewis E. Evans
Secretary of Mines and
Mineral Industries



DAVID L. LAWRENCE
GOVERNOR OF PENNSYLVANIA

David L. Lawrence was elected Governor of Pennsylvania on November 4, 1958, and inaugurated as Pennsylvania's 102nd Governor on January 20, 1959.

Governor and Mrs. (Alice) Lawrence have three children--two married daughters and a son, Gerald, a student at LaSalle College, Philadelphia.

He is an Army veteran of World War I and a member of various veterans' organizations. He is past president of the United States Conference of Mayors and is active in many municipal and State civic groups.

He has been politically active during his entire lifetime. He became Democratic County Chairman at the age of 31. In 1934 he was elected Chairman of the Democratic State Committee of Pennsylvania, a post he held--except for a two-year interval--until his election as Mayor of Pittsburgh.

He was appointed Collector of Internal Revenue for the Western District of Pennsylvania in 1933. He resigned that post to become State Chairman. He served as Secretary of the Commonwealth from 1935 to 1939.

David Lawrence became Mayor of Pittsburgh in 1946, winning the office by a margin of 14,000 votes. Running for his fourth term in 1957, his majority was nearly 60,000 votes.

In 1957 he was selected as one of the nine best mayors of the Nation. The United States Conference of Mayors gave him its Distinguished Service Award for "outstanding contributions to his City, his State and his Nation." He was the first mayor so honored. The only previous American awardee was General George C. Marshall.

His awards as an outstanding mayor came in part from his achievements in the fields of effective smoke and flood control, the creation of Pittsburgh's "Golden Triangle," one of the great accomplishments in the area of urban re-development, better housing, a system of municipal parking garages, an extensive system of parks and playgrounds and a civic-labor-industry example of municipal cooperation that provided a community re-birth program in the City of Pittsburgh and its surrounding area.



LEWIS E. EVANS
Secretary of Mines and Mineral Industries

STATISTICAL REPORTS

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

BITUMINOUS COAL DIVISION

Production, Employees, Fatalities, 1877 to 1960

Year	Production (Net Tons)*	Stripping Production	Employ- ees	Fatal- ities	Produc- tion Per Fatal- ity	Fatal- ities Per 1,000 Employ- ees	Fatal- ities Per 1,000,000 Tons Pro- duced	No. Of In- spec- tors
1877	1,305,932	-	16,627	13	100,456	0.78	9.95	3
1878	12,500,741	-	25,787	48	260,432	1.86	3.84	3
1879	14,341,369	-	27,286	55	242,570	2.01	3.82	3
1880	16,564,440	-	33,391	48	345,092	1.43	2.90	3
1881	15,916,123	-	35,530	57	279,230	1.60	3.58	4
1882	20,694,110	-	42,393	94	220,150	2.22	4.54	4
1883	18,729,817	-	35,091	54	346,848	1.54	5.02	6
1884	20,553,090	-	39,904	105	195,744	2.63	5.11	6
1885	23,413,692	-	44,145	83	282,092	1.88	3.54	8
1886	27,107,173	-	52,364	74	366,313	1.41	2.73	8
1887	29,966,855	-	57,868	84	356,748	2.14	2.80	8
1888	33,772,286	-	61,565	90	375,248	1.46	2.66	8
1889	34,625,054	-	62,084	105	329,762	1.69	3.03	8
1890	40,884,103	-	67,383	146	273,179	2.17	3.57	8
1891	41,805,642	-	74,135	237	176,395	3.20	5.67	8
1892	46,581,575	-	78,805	134	347,623	1.70	2.88	8
1893	43,421,898	-	81,872	131	334,015	1.60	3.02	10
1894	39,800,210	-	86,118	123	320,969	1.50	3.09	10
1895	51,818,112	-	84,976	156	332,167	1.84	3.01	10
1896	50,284,692	-	83,801	180	279,359	2.15	3.58	10
1897	54,625,272	-	86,553	150	364,168	1.73	2.75	10
1898	64,247,665	-	87,803	200	321,238	2.28	3.11	10
1899	73,056,945	-	91,605	258	283,205	2.82	3.53	10
1900	79,318,362	-	108,735	265	299,315	2.44	3.34	10
1901	80,914,236	-	117,501	301	268,818	2.56	3.72	12
1902	98,529,122	-	135,611	456	216,072	3.36	4.63	12
1903	103,713,932	-	151,745	402	257,995	2.65	3.83	15
1904	99,600,167	-	155,747	536	185,821	3.44	5.38	15
1905	119,361,514	-	164,941	479	249,189	2.90	4.01	16
1906	129,532,989	-	172,928	477	271,557	2.76	3.68	18
1907	149,559,047	-	183,121	806	185,557	4.40	5.59	20
1908	114,937,375	-	181,840	572	200,939	3.15	4.98	20
1909	136,205,695	-	185,921	506	269,181	2.72	3.71	21
1910	148,770,858	-	193,488	539	276,013	2.79	3.62	21
1911	142,189,329	-	182,653	515	276,096	2.82	3.62	25
1912	160,830,492	-	182,642	446	360,606	2.44	2.77	26
1913	172,965,659	-	189,909	611	283,086	3.22	3.53	28
1914	145,884,530	-	196,038	413	353,231	2.11	2.83	28
1915	157,420,068	-	187,734	442	356,154	2.35	2.81	30
1916	169,123,814	-	174,304	436	387,899	2.50	2.58	30
1917	171,074,411	-	186,586	494	346,304	2.65	2.89	30
1918	177,217,294	-	181,678	494	358,739	2.72	2.79	30
1919	147,085,781	-	180,831	401	366,797	2.22	2.73	30
1920	166,929,002	-	184,168	424	393,700	2.30	2.54	30
1921	114,447,134	-	200,419	284	402,983	1.42	2.48	30
1922	108,310,046	-	194,630	424	255,448	2.18	3.91	30
1923	169,181,137	-	200,538	401	421,898	2.00	2.37	30
1924	128,751,023	-	174,469	345	373,191	1.98	2.68	30
1925	135,266,612	-	165,586	312	433,547	1.88	2.31	30

Year	Production (Net Tons)*	Stripping Production	Employ- ees	Fatal- ities	Produc-	Fatal-	Fatal-	No. Of In- spec-
					tion Per Fatal- ity	ities Per 1,000 Employ- ees	ities Per 1,000,000 Tons Pro- duced	
1926	151,746,464	-	164,782	421	360,443	2.55	2.77	30
1927	131,644,922	-	158,204	355	370,831	2.24	2.70	30
1928	129,846,153	-	137,944	508	255,603	3.68	3.91	30
1929	142,351,359	-	135,272	378	376,591	2.79	2.66	30
1930	123,417,850	-	133,703	296	416,952	2.21	2.40	30
1931	96,844,250	-	119,265	208	465,597	1.74	2.15	30
1932	74,162,485	-	106,597	155	478,468	1.45	2.29	30
1933	78,511,864	-	116,917	135	581,569	1.15	1.72	26
1934	89,592,481	-	127,868	157	570,653	1.23	1.75	26
1935	91,140,273	-	129,346	161	566,089	1.24	1.77	26
1936	108,964,865	-	133,914	190	573,490	1.42	1.74	26
1937	110,417,947	-	133,487	186	593,645	1.39	1.68	25
1938	76,881,944	-	115,347	119	646,067	1.03	1.55	25
1939	89,397,222	2,792,966	117,959	120	744,977	1.02	1.34	25
1940	111,416,916	2,808,607	117,832	188	592,643	1.60	1.69	25
1941	127,469,207	6,479,220	124,941	166	767,887	1.33	1.30	23
1942	142,759,573	10,303,160	115,451	187	763,420	1.62	1.31	27
1943	139,801,363	17,177,054	105,903	178	785,401	1.68	1.27	26
1944	144,408,418	22,211,661	99,942	164	886,539	1.64	1.14	25
1945	130,696,854	26,575,095	98,764	141	926,928	1.43	1.02	27
1946	123,587,065	31,047,425	103,894	128	965,524	1.23	1.04	27
1947	144,761,964	35,946,734	109,202	134	1,080,313	1.23	0.93	27
1948	130,627,789	33,483,099	110,326	114	1,145,957	1.03	0.87	27
1949	87,351,892	21,326,389	100,119	65	1,343,975	0.65	0.74	29
1950	103,439,887	25,460,343	94,514	83	1,246,264	0.88	0.90	29
1951	106,680,097	22,688,543	86,369	70	1,524,001	0.81	0.66	28
1952	87,308,999	19,462,498	76,676	63	1,385,957	0.82	0.72	30
1953	91,938,156	19,538,037	69,126	67	1,372,211	0.97	0.73	30
1954	70,823,985	16,954,885	55,405	44	1,609,636	0.79	0.62	29
1955**	85,042,677	19,212,869	52,103	50	1,700,854	0.96	0.59	27
1956	88,595,658	21,694,916	50,529	51	1,737,170	1.01	0.53	26
1957	84,064,493	20,558,733	46,989	53	1,586,123	1.13	0.63	30
1958	67,398,564	19,548,298	41,309	32	2,106,205	0.77	0.47	31
1959	65,627,585	20,506,999	37,337	35	1,975,074	0.94	0.53	31
1960	65,595,999	21,028,887	33,396	26	2,522,923	0.78	0.40	29

* Includes stripping production.

** In 1955, and subsequent years, the production, employees and fatalities of deep mines employing fewer than five (5) persons inside are included in the Division Totals.

BITUMINOUS COAL DIVISION
PRODUCTION OF COAL, EMPLOYES, AND FATALS BY DISTRICT
1960

District	Inspector	Auger Mined	Deep Mined	Strip Mined	Total Production	Fatals	Production Per Fatal	Auger & Strip Employees	Total Employees
1	A. J. Nairn	-	2,605,908	45,627	2,651,535	-	-	20	1,987
2	T. H. Werner	69,388	1,002,371	1,421,687	2,493,446	2	1,246,723	403	1,061
3	W. E. Ray	40,492	571,970	1,709,101	2,321,563	1	2,321,563	402	945
4	R. J. Emigh	15,352	108,152	2,943,244	3,066,748	-	-	892	1,039
5	W. M. McCluskey	-	29,269	2,281,627	2,310,896	-	-	461	522
6	T. E. Jones	-	951,725	56,580	1,008,305	1	1,008,305	43	796
7	M. W. Thomas, Acting	-	894,953	11,950	906,913	1	906,913	6	741
8	D. B. Millward	-	140,701	2,883,657	3,024,358	-	-	888	1,124
9	A. J. Bengston	2,854	3,552,614	23,145	3,578,613	1	3,578,613	30	2,072
10	Lawrence Jones	-	1,379,035	-	1,379,035	3	459,678	-	966
11	G. S. Struble, Acting	14,000	1,723,054	38,789	1,775,843	-	-	26	931
12	J. E. Lamont	27,751	259,392	1,114,569	1,401,712	1	1,401,712	359	708
13	L. D. Kimmel	-	6,268,687	822	6,269,509	-	-	2	3,233
14	G. P. Resick	4,190	1,769,259	139,061	1,912,510	2	956,235	28	726
15	Frank Zalisnock	-	1,520,822	93,115	1,613,937	-	-	61	904
16	J. M. Black, Acting	-	881,927	307,468	1,189,395	2	594,697	94	876
17	S. E. Cortis	18,340	1,227,148	1,479,902	2,725,390	1	2,725,390	416	916
18	R. E. George	-	281,720	497,133	778,853	1	778,853	229	699
19	J. A. Blackburn	17,744	1,127,342	87,517	1,232,603	-	-	106	638
20	C. H. Maize	1,331	246,774	382,692	630,797	-	-	143	500
21	J. M. Black	-	3,472,259	29,627	3,501,886	1	3,501,886	52	1,522
22	W. P. Powers	-	1,827,113	269,180	2,096,293	-	-	74	760
23	G. S. Struble	-	1,217,128	34,935	1,252,063	1	1,252,063	27	935
24	M. W. Thomas	-	846,043	129,663	975,706	2	487,853	73	742
25	J. M. Hovanic	6,652	2,871,984	318,769	3,197,405	-	-	130	1,697
26	M. J. Garnek	-	887,967	152,366	1,040,333	-	-	42	365
27	P. B. Gaddis	29,809	774,426	1,707,082	2,511,317	1	2,511,317	578	1,217
28	E. N. Connor	1,901	1,057,678	50,678	1,110,257	-	-	18	961
29	C. H. Curry	-	2,860,413	3,768	2,864,181	1	1,432,090	2	1,446
30	W. L. Groves	-	1,414,654	202,927	1,617,581	3	539,194	73	788
31	G. F. Moody	5,439	410,746	1,925,338	2,341,523	-	-	652	1,007
32	J. M. Muchnok	-	128,625	686,868	815,493	1	815,493	203	572
Division Total		255,243	44,311,869	21,028,887	65,595,999	26	2,522,923	6,533	33,396

BITUMINOUS COAL DIVISION
PRODUCTION OF COAL, EMPLOYES, AND FATALS BY COUNTY
1960

County	Auger Mined	Deep Mined	Strip Mined	Total Production	Auger & Strip Employees	Total Employees	Fatals	Production Per Fatal
Allegheny	-	4,636,760	581,597	5,218,357	161	2,602	2	2,099,178
Armstrong	73,578	1,218,704	1,558,088	2,850,370	425	1,204	3	950,123
Beaver	-	9,348	362,273	371,621	104	131	-	-
Bedford	-	124,183	72,828	197,011	20	187	1	197,011
Blair	-	7,194	68,236	75,430	36	53	-	-
Bradford	-	-	7,651	7,651	4	4	-	-
Butler	40,492	226,999	1,709,101	1,976,582	402	636	1	1,976,582
Cambria	1,901	6,185,143	514,741	6,701,785	271	4,824	6	1,116,964
Cameron	-	-	107,578	107,578	34	34	-	-
Centre	-	44,761	658,255	703,016	210	311	-	-
Clarion	-	57,429	2,604,795	2,662,224	735	818	-	-
Clearfield	54,967	1,117,730	5,116,657	6,289,354	1,668	2,649	1	6,289,354
Clinton	-	10,639	469,200	479,839	123	142	-	-
Elk	5,439	136,026	161,015	302,480	82	222	-	-
Fayette	-	1,890,145	355,764	2,245,909	156	2,068	3	748,636
Fulton	-	708	4,454	5,162	4	7	-	-
Greene	-	9,949,856	17,088	9,966,944	19	4,707	1	9,966,944
Huntingdon	-	13,588	40,012	58,600	26	74	-	-
Indiana	15,138	4,341,737	769,796	5,126,721	303	2,676	3	1,708,907
Jefferson	9,459	237,752	899,811	1,147,022	292	571	1	1,147,022
Lawrence	-	7,713	934,324	942,037	212	223	-	-
Lycoming	-	10,949	49,405	60,354	25	40	-	-
McKean	-	-	32,030	32,030	7	7	-	-
Mercer	-	20,626	671,716	692,342	134	193	-	-
Somerset	1,331	971,569	1,208,408	2,181,308	419	1,736	2	1,090,654
Tioga	-	22,932	219,393	242,375	89	106	-	-
Venango	-	930	675,587	676,517	115	116	-	-
Washington	21,194	9,870,122	1,021,965	10,913,281	315	5,294	2	5,456,640
Westmoreland	31,744	3,193,236	137,119	3,362,099	142	1,771	-	-
Division Total	255,243	44,311,869	21,028,937	65,595,999	6,533	33,396	26	2,522,923

SUMMARY BY DISTRICTS
BITUMINOUS COAL DIVISION - 1960

District	Production of coal and coke - net tons										Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
	Shipped to market		By rail	By water	By truck	Locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal						
1															
2	2,247,565	303,923	91,133	8,884	47,231	30	12,047	-	2,651,535	7,227	166	1,987	-	18	
1	1,787,942	-	646,084	2,061	1,287,130	142	-	-	2,493,446	-	213	1,061	2	95	
3	1,030,523	-	-	79,855	902,352	1,319	-	-	2,321,563	-	173	945	1	49	
4	2,083,222	-	-	45,684	1,568,648	134	-	-	3,066,748	-	245	1,039	-	30	
5	696,430	-	-	29,573	893,477	198	-	-	2,310,896	-	250	522	-	33	
6	893,477	-	55,774	68,182	35,774	29	-	-	1,008,305	-	150	796	1	44	
7	403,255	-	435,278	9,960	974,378	3	-	-	906,913	-	176	741	1	19	
8	2,040,017	-	974,378	9,960	974,378	198	-	-	3,024,358	-	222	1,124	1	54	
9	-	3,571,201	1,833	4,421	105,367	1,158	-	-	3,578,613	-	196	2,072	1	76	
10	1,255,565	-	105,367	12,686	1,053,67	5,417	-	-	1,379,035	-	197	966	3	41	
11	1,632,428	-	102,065	40,601	12,458	749	-	-	1,775,843	-	173	931	-	26	
12	1,352,678	-	12,458	36,431	1,993	145	-	-	1,401,712	-	190	708	1	15	
13	896,815	5,352,833	11,913	6,050	45,718	426	-	-	6,269,509	-	168	3,233	-	48	
14	807,013	869,460	189,893	45,718	189,893	717	-	-	1,912,510	-	190	726	2	34	
15	1,536,519	-	9,770	66,931	9,770	717	-	-	1,613,937	-	163	904	-	48	
16	444,458	331,252	358,874	14,871	358,874	1,492	-	38,448	1,189,395	73,649-A	152	876	2	26	
17	878,877	-	1,772,473	71,959	1,772,473	2,081	-	-	2,725,390	-	209	916	1	14	
18	341,679	-	337,479	99,695	337,479	52	-	-	778,953	-	183	699	1	23	
19	813,746	-	362,362	56,443	362,362	89	-	-	1,232,603	-	167	638	-	41	
20	449,075	-	100,919	80,714	100,919	89	-	-	630,797	-	145	500	-	26	
21	79,239	3,332,466	67,948	21,728	67,948	505	-	-	3,501,886	-	191	1,522	1	39	
22	299,631	1,351,114	442,131	3,053	442,131	364	-	-	2,096,292	-	151	760	-	23	
23	116,300	34,733	19,533	1,301	34,733	320	-	-	1,252,063	-	131	935	1	14	
24	849,356	-	34,190	58,940	34,190	33	-	-	975,706	-	145	742	2	41	
25	2,626,130	-	182,265	15,635	182,265	1,109	-	372,266	3,197,405	229,597	200	1,697	-	85	
26	563,114	-	442,745	33,530	442,745	944	-	-	1,040,333	-	199	365	-	5	
27	2,210,031	-	289,401	51,859	289,401	26	-	-	2,511,317	-	204	1,217	1	76	
28	1,016,361	-	63,641	29,850	63,641	405	-	-	1,110,257	-	178	961	-	33	
29	2,034,177	679,558	140,943	8,114	1,389	1	-	-	2,864,181	-	180	1,446	1	43	
30	1,248,514	-	79,387	28,222	79,387	261	-	-	1,617,581	-	160	788	3	23	
31	1,810,879	-	525,458	5,186	525,458	31	-	-	2,341,523	-	227	1,007	-	21	
32	538,138	-	197,694	79,640	197,694	31	-	-	815,493	-	149	372	1	2	
TOTAL	34,983,154	16,872,003	11,776,799	1,189,003	352,284	422,761	65,595,999	310,473	183	33,396	26	1,165			

NOTE: A - Additional coal was purchased for the manufacture of coke.

NUMBER OF BITUMINOUS COAL OPERATORS AND MINES BY DISTRICT - 1960

District	Number of Operators	Total Number of Deep Mines	Number of Strip Mines	Number of Auger Mines	Total Number of Mines	No. of Small Mine Operators*	No. of Small Mines**	No. of men employees in Small Mines
1	20	15	6	-	21	7	7	17
2	99	67	44	9	120	55	56	150
3	67	36	35	3	74	19	19	60
4	80	34	49	2	85	24	26	75
5	43	7	40	7	47	3	3	5
6	31	25	31	-	32	18	18	47
7	51	52	2	-	54	35	37	109
8	108	63	72	-	135	49	54	154
9	6	4	2	1	7	-	-	-
10	11	11	-	-	11	7	7	25
11	35	28	7	1	36	22	22	64
12	112	86	37	3	126	60	62	178
13	14	14	1	-	15	7	7	25
14	21	21	4	1	26	5	5	15
15	80	75	8	-	83	63	63	151
16	43	34	24	-	58	17	18	62
17	42	10	35	1	46	5	5	19
18	90	86	20	-	106	62	70	222
19	54	36	23	1	60	21	21	63
20	68	60	20	1	81	39	42	103
21	60	50	11	-	61	29	29	75
22	36	18	22	-	40	11	11	28
23	21	19	6	-	25	12	12	32
24	58	48	11	-	59	30	31	88
25	69	58	19	1	78	36	37	111
26	10	5	8	-	13	3	3	13
27	95	69	42	4	115	42	45	115
28	36	35	3	1	39	28	29	82
29	9	9	1	-	10	3	3	8
30	30	25	7	-	32	13	13	50
31	74	46	41	1	88	28	28	68
32	84	74	47	-	121	55	57	149
TOTAL	1,657#	1,220	654	40	1,904	808	840	2,363

NOTE: * These operators are included in the Total Number of Operators.

** These mines are included in the Total Number of Deep Mines.

Due to the fact that some companies operated in more than one district, the actual total number of Bituminous Coal Operators is 1,610.

SUMMARY OF EMPLOYES BY DISTRICT
BITUMINOUS COAL DIVISION - 1960

District	Inside Employees										Outside Employees										Total Inside and Outside
	Hand Loaded Mining					General Employees					Outside Employees										
	Shot Filers	Pick Miners	Cutting Machine Operators	Machine Loading Miners	Mechanical Loading	Mine Officials	General Transportation	All Others	Total Inside Clerks	Supt's, Foremen & Clerks	Coke	All Others	Total Outside								
1	32	5	10	50	648	120	187	571	1,623	77	-	287	364	1,987							
2	-	23	54	117	231	47	28	47	547	88	14	-	514	1,061							
3	-	5	29	97	203	33	20	60	447	80	-	418	493	945							
4	-	35	28	59	-	10	3	-	135	90	-	-	904	1,039							
5	-	-	8	30	6	4	-	-	48	74	-	400	474	522							
6	4	25	6	30	242	47	69	162	585	35	-	176	211	796							
7	3	46	6	100	239	50	59	127	639	31	-	71	102	741							
8	-	130	6	64	-	8	7	-	215	133	-	776	909	1,124							
9	-	-	1	-	695	138	163	542	1,504	44	-	524	563	2,072							
10	-	20	1	14	330	64	156	156	791	26	-	149	175	966							
11	1	25	7	31	309	64	70	240	747	38	-	146	184	931							
12	-	70	59	147	-	26	6	2	310	69	-	329	398	708							
13	-	15	3	9	1,097	151	332	897	2,606	110	-	517	627	3,233							
14	2	-	11	36	256	82	58	138	583	33	-	110	143	726							
15	2	58	40	108	290	45	61	90	694	35	-	175	210	904							
16	14	119	34	202	46	55	77	115	662	56	-	158	214	876							
17	-	-	2	22	164	30	26	89	333	80	-	503	583	916							
18	-	221	7	120	13	21	11	5	398	38	-	263	301	699							
19	-	39	16	56	162	43	32	72	420	54	-	164	218	633							
20	3	93	17	124	17	30	14	5	303	46	-	151	197	500							
21	3	64	11	23	529	135	158	353	1,276	56	-	190	246	1,522							
22	7	5	19	56	269	52	61	130	590	34	-	127	161	760							
23	-	17	1	16	192	73	157	274	730	39	-	166	205	935							
24	3	18	15	165	139	32	40	83	495	32	-	215	247	742							
25	6	23	30	113	650	102	133	142	1,199	75	76	347	498	1,697							
26	-	-	1	9	136	22	18	55	241	18	-	106	124	365							
27	-	65	53	213	99	36	38	41	545	131	-	541	672	1,217							
28	1	18	23	44	349	75	106	144	760	26	-	175	201	961							
29	-	4	-	2	550	93	83	454	1,186	51	-	209	260	1,446							
30	1	5	12	36	344	54	45	68	565	59	-	164	223	788							
31	-	45	33	155	29	22	17	18	319	87	-	601	688	1,007							
32	-	192	35	73	-	14	19	1	331	65	-	176	241	572							
TOTAL	82	1,385	578	2,330	8,244	1,980	2,256	5,081	21,836	1,910	90	9,560	11,560	33,396							

CLASSIFICATION OF EMPLOYEES BY TYPE OF MINING - 1960

District	Deep Mine Employees	Strip Mine Employees	Auger Mine Employees	Coke Employees	Total Employees
1	1,967	20	-	-	1,987
2	644	356	47	14	1,061
3	543	389	13	-	945
4	147	887	5	-	1,039
5	61	461	-	-	522
6	753	43	-	-	796
7	735	6	-	-	741
8	236	888	-	-	1,124
9	2,042	20	10	-	2,072
10	966	-	-	-	966
11	905	24	2	-	931
12	349	350	9	-	708
13	3,231	2	-	-	3,233
14	698	26	2	-	726
15	843	61	-	-	904
16	782	94	-	-	876
17	500	412	4	-	916
18	470	229	-	-	699
19	532	102	4	-	638
20	357	140	3	-	500
21	1,470	52	-	-	1,522
22	686	74	-	-	760
23	908	27	-	-	935
24	669	73	-	-	742
25	1,491	126	4	76	1,697
26	323	42	-	-	365
27	639	566	12	-	1,217
28	943	15	3	-	961
29	1,444	2	-	-	1,446
30	715	73	-	-	788
31	355	646	6	-	1,007
32	369	203	-	-	572
Division Total	26,773	6,409	124	90	33,396

CAUSES OF BITUMINOUS FATAL ACCIDENTS BY COUNTY - 1960

County	Falls of Roof, Face and Sides	Cars (Inside)	Machinery (Inside)	Electricity (Inside)	Stripping	Total
Allegheny	2	-	1	-	-	3
Armstrong	-	-	1	-	1	2
Beaver	-	-	-	-	-	-
Bedford	-	-	-	1	-	1
Blair	-	-	-	-	-	-
Bradford	-	-	-	-	-	-
Butler	1	-	-	-	-	1
Cambria	4	1	1	-	-	6
Cameron	-	-	-	-	-	-
Centre	-	-	-	-	-	-
Clarion	-	-	-	-	-	-
Clearfield	-	-	-	-	1	1
Clinton	-	-	-	-	-	-
Elk	-	-	-	-	-	-
Fayette	2	1	-	-	-	3
Greene	1	-	-	-	-	1
Huntingdon	-	-	-	-	-	-
Indiana	1	-	1	1	-	3
Jefferson	-	-	-	-	1	1
Lawrence	-	-	-	-	-	-
Lycoming	-	-	-	-	-	-
McKean	-	-	-	-	-	-
Mercer	-	-	-	-	-	-
Somerset	1	-	1	-	-	2
Tioga	-	-	-	-	-	-
Venango	-	-	-	-	-	-
Washington	1	-	1	-	-	2
Westmoreland	-	-	-	-	-	-
TOTAL	13	2	6	2	3	26

BITUMINOUS FATAL ACCIDENT VICTIMS - 1960

Dist- rict	Name of Victim	Victim's Address	Company	Mine	Country Club No. 6	Date of Accident	Cause of Accident
24	Donald E. Corl, Jr.	Windber	Country Club Coal Co.			Jan. 26	Machinery - Inside
7	George Lazor	St. Michaels	Bethlehem Mines Corp.	No. 73		Mar. 2	Roof Fall
9	Earl W. Jenkins	Jefferson	Republic Steel Corp.	Clyde		Mar. 9	Roof Fall
23	William McManus	Fairbank	National Mines Corp.	Isabella		Mar. 25	Transportation - Inside
32	Robert H. Schrock	Berlin R.D. 2	W. A. Merrill Sons & Co.	Ponfeigh Pine Hill		Mar. 25	Roof Fall
16	John Lisko	Adah	Leckrone Coal & Coke Co.	Mt. Sterling		Mar. 29	Roof Fall
14	Carl Condron	Indiana	Leechburg Mining Co.	Foster No. 65		Apr. 7	Machinery - Inside
16	Andrew Senda	Uniontown R.D. 3	Ruane Coal & Coke Co.	Wynn		May 2	Roof Fall
10	Mike Rushnok	Colver	Eastern Gas & Fuel Associates	Colver		June 21	Roof Fall
27	LeRoy Lobb	Houtzdale	Bradford Coal Co.	Orlando Bros. Strip		June 28	Stripping
12	Everett Brosious	Brookville R.D. 3	East Branch Equipment Co.	East Branch Strip		June 28	Stripping
29	Louis Hetrick	Natrona Heights	National Mines Corp.	Renton		July 13	Machinery - Inside
2	Harold C. Wise	Hawthorne	Allegheny River Mining Co.	Cadogan		July 19	Roof Fall
10	Jay H. Stanton	Nanty Glo	Bethlehem Mines Corp.	No. 32		Aug. 8	Roof Fall
2	Ronald E. Bond	Rimersburg R.D. 3	Nelson Bond Co.	Bond Strip		Aug. 15	Stripping
17	Raymond Mills	Charleroi	Pittsburgh Coal Co.	Montour No. 4		Aug. 24	Machinery - Inside
14	Frank Dorma	New Kensington	Mateer Coal Co.	Mateer No. 4		Sep. 2	Roof Fall
30	Joseph Barno	Twin Rocks	Thompson Coal Co.	Thompson No. 3		Sep. 23	Roof Fall
21	Dominic Pazzabon	California	Jones & Laughlin Steel Corp.	Shannonpin		Sep. 26	Roof Fall
3	Miller Montgomery	Grove City	Montgomery & McKean	Dillaman		Sep. 26	Roof Fall
18	William M. Covert	Lengondale	Bohm Coal Co.	Glendale No. 7		Oct. 8	Roof Fall
24	Andrew F. Killian	Windber	Berwind-White Coal Mining Co.	Eureka No. 37 Upper		Oct. 11	Electricity
6	Stanley P. Wojtarowicz	Gallitzin	Berwind-White Coal Mining Co.	Maryland No. 2		Oct. 27	Roof Fall
30	Melvin G. Shank	Bolivar	Imperial Coal Corp.	Diamond No. 2		Nov. 30	Machinery
10	Stanley Stossel	Barnesboro	Bethlehem Mines Corp.	No. 32		Dec. 7	Machinery
30	Raymond Garlitz	Boltz	Imperial Coal Corp.	Diamond No. 2		Dec. 22	Transportation - Inside
						Dec. 27	Electricity

BITUMINOUS COAL DIVISION
COUNTY--DISTRICT CROSS REFERENCE LIST

<u>County</u>	<u>Mine Inspection District</u>
Allegheny	3, 14, 17, 22, 29
Armstrong	2, 14
Beaver	17
Bedford	18
Blair	18
Bradford	8
Butler	3
Cambria	6, 7, 10, 15, 18, 24, 28
Cameron	31
Centre	8
Clarion	4
Clearfield	4, 8, 12, 27, 31
Clinton	8
Elk	31
Fayette	9, 16, 21, 23
Fulton	18
Greene	13, 16, 21
Huntingdon	18
Indiana	12, 25, 30
Jefferson	4, 12
Lawrence	5
Lycoming	8
McKean	31
Mercer	5
Somerset	7, 20, 24, 32
Tioga	8
Venango	5
Washington	1, 9, 17, 22, 26
Westmoreland	1, 11, 14, 19, 29

COMMONWEALTH OF PENNSYLVANIA - DEPARTMENT OF MINES AND MINERAL INDUSTRIES

Twenty-four Year Study Of The Bituminous Coal Division By County*

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBERTA	CENTRE	CLATSOP
1925	11,644,959	3,126,898	80,006	452,286	298,051	9,184	1,945,287	16,656,181	916,112	1,462,529
1931	14,313,614	2,796,574	65,717	357,301	247,834	5,287	247,834	12,993,722	557,338	1,103,168
1935	13,875,787	2,269,119	63,724	396,090	205,814	23,204	659,215	12,481,977	434,178	1,191,042
1940	15,068,015	4,107,286	97,811	388,939	176,132	-	607,624	16,361,261	520,829	1,026,742
1941	16,115,371	4,742,526	929,119	474,292	183,932	-	1,046,486	18,532,935	853,406	2,131,335
1942	17,822,560	5,584,761	580,655	631,962	180,162	-	1,128,746	20,134,793	1,122,902	2,131,335
1943	17,809,317	5,261,170	405,718	629,412	114,191	-	1,140,643	18,506,712	956,460	3,134,424
1944	18,541,295	5,535,746	340,480	738,841	112,293	4,026	1,183,272	18,506,189	1,211,242	3,297,021
1945	17,551,873	6,442,928	247,206	732,797	128,407	-	1,255,504	15,941,530	1,200,115	3,188,576
1946	15,552,180	4,948,409	229,637	615,534	166,284	-	1,575,328	14,702,181	1,447,351	2,833,089
1947	18,694,593	6,180,909	434,556	950,153	234,106	5,255	2,231,896	17,070,484	1,474,594	3,447,620
1948	15,328,797	6,142,812	427,797	887,036	298,591	-	1,884,965	15,458,368	1,502,272	3,308,746
1949	10,406,079	3,700,924	318,768	331,041	323,887	7,356	1,612,142	10,767,059	973,312	2,850,897
1950	11,939,721	4,260,906	426,752	296,112	365,561	11,902	2,744,579	12,448,696	974,963	3,123,537
1951	12,033,652	4,250,454	442,148	271,377	248,175	7,240	2,156,517	13,600,973	985,554	2,539,890
1952	8,230,420	3,262,566	445,807	206,764	208,099	7,538	1,963,063	12,072,089	1,009,024	2,231,809
1953	8,402,859	3,032,509	446,156	125,310	153,258	9,301	1,999,922	11,753,135	965,155	2,080,935
1954	6,495,094	2,030,826	433,611	44,889	166,147	5,661	1,565,777	8,995,516	909,411	1,979,395
1955	7,397,643	1,940,028	513,518	115,182	200,143	3,158	1,942,912	10,725,515	1,174,981	2,339,604
1956	7,673,466	2,329,451	385,917	169,548	169,959	4,650	1,932,386	10,833,862	1,416,671	3,055,966
1957	6,920,299	2,249,350	344,911	164,590	59,329	-	1,947,166	10,532,976	1,073,493	2,823,921
1958	4,975,229	2,325,735	224,856	172,576	121,472	10,871	2,047,518	8,164,992	648,930	2,768,283
1959	4,769,780	2,662,867	259,607	176,447	79,311	6,798	1,962,372	7,250,476	747,122	3,074,851
1960	5,218,357	2,850,370	371,621	197,011	75,430	7,651	1,976,582	6,701,785	703,016	2,662,224
1925	16,406	4,952	147	1,079	531	25	2,543	21,568	1,556	2,324
1931	13,638	3,926	119	727	590	12	1,484	18,259	1,256	1,428
1935	16,057	3,940	202	876	525	26	1,272	20,205	994	2,184
1940	12,350	4,071	246	694	441	-	1,170	20,708	1,033	1,406
1941	13,648	4,603	542	843	321	-	1,218	20,091	1,184	1,702
1942	12,281	4,171	509	771	244	-	1,041	18,376	1,237	1,792
1943	10,770	3,675	274	632	176	-	1,024	16,491	847	1,762
1944	10,346	3,600	290	877	135	13	945	15,009	984	1,700
1945	10,484	4,577	248	697	135	-	965	14,602	987	1,525
1946	10,773	3,973	252	764	173	-	1,259	16,168	1,166	1,673
1947	11,112	4,441	309	1,012	182	6	1,438	16,655	1,106	1,742
1948	11,065	4,473	287	909	221	-	1,241	16,626	1,060	1,918
1949	9,887	3,758	231	623	244	4	1,001	15,627	979	1,790

Total
Production
(net tons)

Employees

YEAR	AIKENFENY	ARMSTRONG	BEAVER	BEDFORD	PAUL	ROADSIDE	JUTLER	GAMBERTA	CENTRE	CLARION
1925	529,316	521,150	-	452,286	149,026	-	648,429	333,124	458,056	731,265
1931	493,573	559,315	-	119,100	247,834	-	325,546	419,152	-	-
1935	555,031	378,186	-	396,090	-	-	659,215	480,076	-	1,191,042
1940	717,525	2,053,643	-	308,939	-	-	-	194,777	-	342,247
1941	575,549	-	-	-	-	-	-	-	-	-
1942	990,142	1,116,952	-	631,962	183,932	-	523,243	639,067	561,431	1,567,212
1943	848,063	584,574	-	629,412	-	-	376,249	694,303	478,230	1,160,213
1944	1,030,072	1,383,936	-	-	114,191	-	1,140,643	714,643	1,211,242	471,003
1945	1,096,992	715,981	-	366,398	-	-	295,818	638,144	-	1,594,288
1946	1,728,020	706,915	123,603	-	128,407	-	-	839,028	1,447,351	-
1947	1,099,682	618,091	-	950,153	-	-	1,115,948	980,145	-	1,149,206
1948	806,779	614,281	-	-	-	-	-	898,447	751,136	3,308,746
1949	1,300,760	616,821	-	331,041	-	-	-	1,104,169	-	2,850,897
1950	1,326,636	852,181	-	-	365,561	-	1,372,289	889,193	-	3,123,537
1951	2,005,609	2,125,227	442,148	-	248,175	-	-	1,511,219	-	2,539,890
1952	8,230,420	3,262,566	-	-	-	-	981,531	804,806	-	-
1953	763,896	758,127	446,156	-	153,258	-	-	1,679,019	-	2,080,935
1954	1,623,773	-	-	-	-	-	1,565,777	1,499,253	454,705	-
1955	1,056,806	970,014	-	115,182	-	-	-	2,681,379	1,174,981	-
1956	1,096,209	-	-	-	-	-	-	1,203,762	-	-
1957	2,306,766	1,124,675	-	-	-	-	1,947,166	1,170,331	-	2,823,921
1958	2,487,614	-	74,952	172,576	-	-	-	4,082,496	-	-
1959	1,589,927	1,331,433	-	-	-	-	-	2,416,825	-	1,024,950
1960	2,609,178	950,123	-	197,011	-	-	1,976,582	1,116,964	-	-

Production
Per Fatal

YEAR	CLAREFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1925	5,440,701	182,964	1,052,684	28,644,339	168,457	4,992,995	669,587	8,008,676	2,967,590	279,183
1931	3,022,139	67,081	887,802	13,933,546	149,096	3,711,042	547,495	6,626,280	1,981,360	208,713
1935	2,934,442	52,305	749,661	13,454,039	142,776	2,955,545	495,447	5,606,505	1,837,504	177,803
1940	3,048,006	31,688	741,688	22,432,309	163,381	5,310,131	500,151	6,926,530	1,763,107	253,928
1941	4,113,081	96,710	819,107	22,109,923	230,153	6,296,926	504,730	8,308,035	1,927,066	282,415
1942	4,702,159	240,314	815,156	25,465,181	255,140	7,582,079	474,627	9,390,899	2,162,615	260,637
1943	5,872,736	402,876	699,441	22,189,481	235,611	7,188,684	421,426	9,702,447	2,492,658	145,327
1944	6,396,459	223,388	636,291	22,668,263	-	8,487,776	597,408	10,769,528	2,280,442	59,350
1945	6,371,229	88,147	502,494	19,357,031	-	8,628,754	759,170	8,531,846	2,058,848	108,155
1946	6,443,667	258,764	474,628	16,496,471	-	9,258,377	808,527	8,950,655	2,563,447	95,533
1947	8,091,741	525,933	841,302	18,470,604	142,745	12,956,008	630,186	9,035,864	3,018,131	189,785
1948	8,102,562	502,740	1,043,641	15,385,038	118,858	12,458,147	390,381	8,547,988	2,724,508	238,370
1949	5,161,831	456,421	764,064	9,205,423	87,300	8,731,629	330,760	6,061,751	1,640,668	162,365
1950	6,176,963	649,337	854,824	10,079,300	111,557	10,122,459	405,282	7,809,553	2,003,302	456,943
1951	5,928,156	793,958	784,597	10,528,246	140,347	11,820,569	450,593	7,609,778	1,977,131	468,508
1952	5,781,289	617,027	589,588	7,523,581	157,614	9,592,879	268,772	6,245,535	1,560,065	262,626
1953	5,207,520	657,933	518,093	9,054,912	137,669	11,675,444	231,094	5,756,224	1,664,773	665,911

Total
Production
(net tons)

	YEAR	CLEARFIELD	CLINTON	ELK	FAVETTE	FULTON	GREENE	HURTINGTON	INDIANA	JEFFERSON	LAWRENCE
Total Production (net tons)	1954	4,873,992	613,606	407,599	6,442,395	81,099	9,355,074	185,615	4,884,780	1,456,451	653,216
	1955	5,760,350	642,492	461,208	6,610,155	94,886	11,866,090	91,887	6,042,018	1,474,972	634,147
	1956	6,634,394	531,864	421,453	5,357,333	40,529	12,423,951	149,544	7,001,596	1,678,293	914,091
	1957	6,297,900	591,789	307,513	4,947,851	-	12,274,541	52,705	6,777,115	1,488,656	1,097,658
	1958	5,651,550	622,294	350,750	2,908,999	-	9,751,502	58,250	5,605,795	1,381,434	1,128,623
	1959	5,663,175	638,673	354,470	2,754,230	-	9,649,491	71,123	6,200,151	1,090,725	1,003,472
	1960	6,289,354	479,839	302,480	2,245,909	5,162	9,966,944	58,600	5,126,721	1,147,022	942,037
Employees	1925	9,187	287	1,873	29,435	280	3,664	1,097	10,947	4,402	383
	1931	5,593	135	1,487	16,291	218	3,237	993	8,016	2,479	421
	1935	6,058	134	1,251	16,817	258	3,492	1,061	8,343	2,954	437
	1940	4,861	42	1,126	20,253	263	4,249	923	7,081	2,237	456
	1941	4,983	143	1,044	22,329	241	5,034	821	7,698	2,267	427
	1942	4,413	166	808	21,173	196	5,301	644	7,175	2,015	338
	1943	4,687	218	657	19,944	172	5,141	530	6,717	2,000	56
	1944	4,712	171	608	16,714	-	6,007	664	6,651	1,827	54
	1945	4,863	99	532	15,242	-	6,646	782	6,178	1,757	36
	1946	5,121	161	582	14,248	-	7,809	768	7,034	2,105	39
	1947	5,703	229	708	14,098	45	9,078	603	6,993	2,260	59
	1948	6,176	214	895	13,754	26	9,910	588	7,198	2,195	97
	1949	5,234	290	796	12,437	22	9,543	469	6,365	1,755	76
	1950	4,868	319	699	11,767	20	9,012	459	6,286	1,861	151
	1951	4,439	172	551	10,628	40	8,899	429	5,603	1,670	147
	1952	4,091	160	479	9,154	50	8,488	354	5,248	1,298	92
	1953	3,303	251	369	8,220	55	8,005	277	4,316	1,150	161
	1954	3,267	213	277	6,545	38	7,035	135	3,237	1,149	192
	1955	3,278	229	290	4,763	36	6,710	107	3,499	995	173
	1956	3,486	161	318	3,419	70	6,721	165	3,535	1,144	251
	1957	3,330	160	254	3,151	-	6,278	77	3,734	1,073	280
	1958	3,272	162	253	2,205	-	5,441	83	3,283	930	273
	1959	2,796	157	237	2,130	-	5,208	95	3,199	860	235
	1960	2,649	142	222	2,068	7	4,707	74	2,676	571	223
Days Worked	1925	173	165	172	228	284	268	230	184	208	266
	1931	142	209	160	156	224	192	202	177	177	205
	1935	160	167	195	169	196	172	184	163	186	171
	1940	190	249	217	230	209	218	197	201	194	197
	1941	217	232	227	227	234	217	223	223	214	198
	1942	239	265	267	272	258	259	246	239	239	233
	1943	253	296	282	267	278	275	281	261	286	238
	1944	257	232	291	289	-	244	272	279	253	133
	1945	229	259	250	259	-	257	255	253	233	227
	1946	203	194	193	249	-	225	203	206	196	207

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	JUNTINGTON	INDIANA	JEFFERSON	LAWRENCE
1947	215	229	180	199	211	216	158	196	202	214
1948	199	234	177	169	305	190	101	180	188	164
1949	151	154	155	160	122	170	142	151	138	252
1950	177	165	167	175	171	174	160	185	164	202
1951	205	307	219	152	234	204	141	211	175	245
1952	217	257	176	126	165	174	117	183	175	237
1953	243	262	216	169	250	224	128	205	223	276
1954	186	192	184	151	213	205	153	232	195	227
1955	217	251	189	211	208	235	141	218	204	335
1956	205	260	183	211	64	235	168	230	210	235
1957	202	261	173	200	-	221	179	211	189	225
1958	189	251	163	169	-	178	145	190	176	268
1959	204	242	183	147	-	178	142	201	132	225
1960	216	234	179	143	38	177	162	188	204	255
1925	8	-	2	78	-	15	1	19	9	1
1931	4	-	1	22	-	11	-	17	4	1
1935	4	-	-	25	1	2	2	10	1	-
1940	5	-	-	14	1	7	5	20	3	-
1941	1	-	-	25	-	6	3	17	1	-
1942	7	-	-	34	-	5	-	17	2	1
1943	4	-	-	26	-	13	1	10	1	-
1944	7	-	-	25	-	16	1	11	-	-
1945	5	1	-	25	-	11	-	7	1	-
1946	3	-	1	21	-	14	1	10	2	-
1947	6	1	-	19	-	10	-	8	5	-
1948	6	-	1	11	1	13	-	8	-	-
1949	1	-	-	11	-	5	-	5	-	-
1950	5	-	-	6	-	5	-	9	1	-
1951	2	-	1	7	-	7	-	4	2	-
1952	3	-	-	3	-	9	-	5	-	-
1953	3	-	1	5	-	12	-	4	1	-
1954	3	-	-	3	-	4	-	12	-	-
1955	2	1	-	-	-	7	-	4	2	-
1956	2	-	-	2	-	12	-	1	2	-
1957	2	-	-	5	-	8	-	4	1	-
1958	4	-	1	4	-	2	-	1	1	-
1959	2	-	1	1	-	8	-	6	-	-
1960	1	-	-	3	-	1	-	3	1	-
Man Days	1,591,427	47,485	323,071	6,725,330	79,520	982,263	251,862	2,011,055	914,300	102,043
1931	791,913	28,256	237,816	2,547,128	48,832	620,627	200,862	1,325,638	439,481	86,281
1935	969,471	22,411	243,478	2,839,965	50,568	599,799	195,229	1,361,223	549,720	74,909
1940	924,961	10,498	244,799	4,648,292	54,967	927,147	182,199	1,427,093	435,1055	89,649

Fatalities

YEAR	CLEARFIELD	CLINTON	ELK	FAVETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1941	1,082,216	33,222	237,558	5,070,420	56,325	1,094,456	183,013	1,718,572	489,805	84,447
1942	1,067,479	44,098	202,739	6,298,013	50,608	1,372,961	159,001	1,937,954	482,296	81,462
1943	1,188,863	64,655	185,474	5,342,499	47,940	1,418,681	149,103	1,756,493	572,030	13,330
1944	1,214,031	39,617	176,803	4,833,127	-	1,465,868	180,824	1,857,074	461,859	7,197
1945	1,113,845	25,619	132,817	3,949,387	-	1,708,272	199,559	1,561,760	410,135	8,180
1946	1,040,676	31,193	112,212	3,055,263	-	1,759,110	155,863	1,451,436	411,562	8,072
1947	1,226,021	52,593	127,470	2,798,576	9,516	1,963,031	95,483	1,369,070	457,293	12,652
1948	1,227,661	50,274	158,127	2,331,066	7,924	1,887,598	59,149	1,295,150	412,804	15,891
1949	789,635	44,746	123,748	1,994,643	2,684	1,626,053	66,422	963,365	243,013	19,146
1950	863,989	52,432	135,683	3,426,127	3,420	1,564,345	73,655	1,162,582	305,670	30,478
1951	912,023	52,930	120,707	1,619,730	9,356	1,818,549	60,437	1,179,966	293,261	33,464
1952	886,641	41,135	84,227	1,156,039	8,295	1,475,827	41,350	960,852	227,250	21,885
1953	801,157	65,793	79,707	1,393,063	13,767	1,796,222	35,553	885,573	250,119	44,394
1954	609,249	40,907	50,950	991,138	8,110	1,439,242	20,702	731,505	228,069	43,547
1955	710,135	57,482	54,755	1,003,173	7,488	1,573,815	15,129	761,061	203,081	58,075
1956	715,570	41,921	58,265	721,624	4,480	1,576,783	27,708	813,413	240,594	58,943
1957	673,752	41,765	43,820	629,153	-	1,388,211	13,821	787,359	202,410	62,977
1958	616,410	40,694	41,323	372,752	-	969,424	12,039	625,162	163,518	73,201
1959	569,081	38,031	43,412	312,446	-	925,966	13,530	642,400	113,900	52,784
1960	571,221	33,284	39,794	295,175	269	833,196	11,998	501,996	116,556	56,921
1925	680,088	-	526,342	367,748	-	332,866	699,587	421,509	329,732	279,183
1931	755,535	-	887,802	633,343	-	337,367	-	389,781	495,340	-
1935	733,611	-	-	538,162	142,776	1,477,773	247,724	560,650	1,837,504	-
1940	609,601	-	-	1,602,308	163,381	758,590	250,076	1,385,306	587,702	-
1941	4,113,081	-	-	884,397	-	1,049,488	168,243	415,402	1,927,066	-
1942	671,737	-	-	748,976	-	1,516,415	-	552,406	1,081,307	-
1943	1,468,184	-	-	880,364	-	552,976	421,426	970,245	2,492,658	-
1944	913,780	-	-	906,731	-	530,486	-	979,408	-	-
1945	1,274,246	88,147	-	774,281	-	784,432	-	1,218,835	2,058,948	-
1946	2,147,889	-	474,628	785,546	-	661,313	-	895,065	1,281,723	-
1947	1,348,623	525,933	-	972,137	-	1,295,601	808,065	1,129,483	603,626	-
1948	1,350,427	-	1,043,641	1,398,640	118,858	958,319	-	1,068,498	-	-
1949	5,161,831	-	-	836,857	-	1,746,326	-	1,212,350	-	-
1950	1,235,393	-	-	1,679,883	-	2,024,492	-	867,728	2,003,302	-
1951	2,964,078	-	784,597	1,504,035	-	1,688,653	-	1,917,444	988,565	-
1952	1,927,096	-	-	2,507,860	-	1,065,875	-	1,249,107	-	-
1953	1,735,840	-	518,093	1,810,982	-	972,954	-	1,439,056	1,664,773	-
1954	1,624,664	-	-	2,147,465	-	2,338,768	-	407,065	-	-
1955	2,880,175	642,492	-	-	-	1,695,156	-	1,510,504	737,486	-
1956	3,317,197	-	-	2,678,666	-	1,035,329	-	7,001,596	839,146	-
1957	3,148,950	-	-	989,970	-	1,514,318	-	1,694,279	1,488,656	-
1958	1,412,887	-	350,750	727,250	-	4,875,751	-	5,605,795	1,381,434	-
1959	2,831,587	-	354,470	2,754,230	-	1,206,186	-	1,033,358	-	-
1960	6,289,354	-	-	748,636	-	3,966,444	-	1,708,907	1,147,022	-

Man Days

Production
Per Fatal

YEAR	LYCOMING	MERCER	MCNEAL	SOUTHSET	ITUSA	VERMANTO	WASHINGTON	WESTMORELAND	REGION
1925	23,919	279,087	-	9,629,892	144,600	8,197	15,421,542	20,720,626	135,266,612
1931	25,040	211,347	-	7,306,313	190,114	2,600	13,640,250	11,243,386	96,844,250
1935	58,616	324,260	13,264	5,675,139	177,096	6,064	15,890,388	8,989,269	91,140,273
1940	63,653	140,010	-	4,839,036	190,597	28,621	17,872,551	8,756,882	111,416,916
1941	64,848	428,239	-	6,137,729	319,083	29,400	19,916,404	10,875,964	127,469,207
1942	44,945	491,223	5,729	6,938,898	358,801	20,770	20,661,070	12,567,665	142,759,573
1943	51,237	418,298	2,176	7,613,273	302,284	48,671	20,311,505	12,622,983	139,801,363
1944	44,145	634,332	-	8,236,565	268,177	45,859	21,129,326	12,456,807	144,408,418
1945	43,840	528,137	16,994	7,594,476	213,090	40,291	18,152,651	11,009,275	130,696,854
1946	49,215	401,030	40,938	6,663,474	176,632	120,696	18,984,071	9,747,937	123,587,065
1947	32,562	353,523	1,404	8,027,280	173,291	250,391	21,409,249	9,882,492	144,761,964
1948	25,070	399,800	5,596	7,544,388	204,748	448,818	18,245,125	8,993,487	130,627,789
1949	25,741	406,073	23,960	4,961,139	141,782	152,373	12,484,414	5,223,834	87,351,892
1950	33,174	508,342	64,723	5,901,652	149,224	541,011	14,744,761	6,131,999	103,439,887
1951	35,754	495,526	81,307	6,513,342	138,117	437,099	16,106,865	5,759,410	106,680,999
1952	27,034	534,666	43,847	4,982,002	62,761	447,516	13,656,583	5,252,229	87,308,999
1953	23,089	559,100	82,210	3,961,378	68,879	596,684	16,838,775	5,218,092	91,938,156
1954	36,026	638,686	93,101	2,264,833	55,289	522,403	12,838,740	2,754,921	70,823,985
1955	48,423	653,085	109,930	3,479,806	81,793	701,720	15,921,185	3,932,005	85,042,677
1956	56,961	503,292	103,864	4,273,532	94,476	841,490	15,014,199	4,505,410	88,595,658
1957	85,609	508,297	41,887	3,827,771	265,242	798,054	13,783,986	4,737,250	84,064,493
1958	63,141	607,524	47,432	2,667,943	296,764	634,182	10,575,312	3,557,895	67,398,564
1959	57,178	525,453	42,128	2,211,735	211,027	607,707	10,069,016	3,436,571	65,627,585
1960	60,354	692,342	32,030	2,181,308	242,375	676,517	10,913,281	3,362,099	65,595,599
Total Production (net tons)	1925	443	-	10,626	698	19	20,768	20,246	165,586
	1931	423	-	9,607	517	6	15,002	13,327	119,265
	1935	623	43	8,846	559	25	19,336	12,663	129,346
	1940	267	-	6,864	365	55	17,529	8,994	117,832
	1941	366	-	7,285	472	44	17,745	9,771	124,941
	1942	294	16	6,620	325	35	15,993	9,423	115,451
	1943	49	7	6,558	252	22	13,968	8,976	105,903
	1944	295	-	6,139	248	16	13,844	8,094	99,942
	1945	217	26	6,030	225	17	13,518	8,304	98,764
	1946	251	22	6,453	229	61	14,753	8,009	103,894
	1947	209	4	6,984	189	70	15,514	8,400	109,202
	1948	264	4	7,080	208	57	15,834	7,981	110,326
	1949	191	19	6,538	189	52	15,047	6,894	100,119
	1950	320	19	6,309	156	91	14,348	5,919	94,514
Employees	1951	334	24	5,784	129	73	13,336	5,444	86,369
	1952	287	29	5,159	130	108	11,871	4,906	76,676
	1953	284	31	4,340	176	176	12,056	4,470	69,126
	1954	230	31	2,863	57	154	9,419	2,522	55,405

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1955	31	220	36	3,584	66	187	8,081	2,918	52,103
1956	39	289	37	3,383	84	170	7,726	2,725	50,529
1957	43	172	17	3,211	144	144	6,424	2,364	46,989
1958	42	190	14	2,417	126	172	6,070	2,116	41,309
1959	168	183	17	2,148	107	159	5,660	1,921	37,337
1960	36	183	7	1,736	106	116	5,294	1,771	33,396
1925	229	230	-	221	75	225	170	228	200
1931	184	184	-	164	167	98	177	168	179
1935	219	200	205	180	159	156	207	168	179
1940	234	188	-	182	169	216	229	212	213
1941	215	237	-	219	194	229	222	237	223
1942	262	260	189	239	225	223	244	234	254
1943	203	203	71	269	253	240	271	257	266
1944	271	272	-	282	261	304	291	266	280
1945	271	257	200	265	280	204	265	225	255
1946	165	195	203	203	189	124	218	202	208
1947	103	256	53	174	138	238	209	178	202
1948	109	224	212	161	149	225	175	171	202
1949	238	237	118	146	132	242	159	142	154
1950	216	195	196	166	217	225	172	188	193
1951	264	228	226	173	165	299	186	163	186
1952	177	207	168	149	74	295	168	165	168
1953	236	197	265	140	168	226	215	180	198
1954	173	200	173	121	149	226	210	168	197
1955	236	339	296	171	213	337	233	186	219
1956	240	183	286	193	193	252	212	198	213
1957	270	255	228	173	243	259	210	200	205
1958	219	240	238	145	246	217	177	164	178
1959	264	239	223	130	182	221	156	170	173
1960	176	252	168	148	210	237	186	171	183
1925	-	-	-	19	-	-	30	42	312
1931	-	-	-	21	-	-	34	20	208
1935	-	1	-	13	-	-	23	19	161
1940	-	-	-	8	-	-	22	8	188
1941	-	1	-	5	1	-	18	25	166
1942	-	-	-	9	-	-	29	23	187
1943	1	1	-	10	-	-	28	19	178
1944	-	2	-	7	2	-	16	14	164
1945	-	-	-	1	-	-	23	16	141
1946	-	-	-	10	-	-	21	13	128
1947	-	1	-	7	-	-	16	9	134

Employees

Days
Worked

Fatalities

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1942	-	-	-	770,989	-	-	712,451	546,420	763,420
1943	51,237	418,298	-	761,327	-	-	725,410	664,368	785,401
1944	-	317,166	-	1,176,652	134,088	-	1,320,583	889,772	880,539
1945	-	-	-	7,594,495	-	-	789,246	688,080	926,928
1946	-	-	-	666,347	-	-	904,003	749,841	965,524
1947	-	353,523	-	1,146,756	-	-	1,338,078	1,098,055	1,080,313
1948	-	389,800	-	1,508,878	-	-	1,073,243	1,798,697	1,145,857
1949	-	406,073	-	1,240,335	-	-	2,496,883	1,044,767	1,343,875
1950	-	-	-	2,950,926	-	-	1,134,212	613,200	1,246,264
1951	-	-	-	1,302,668	-	-	1,073,791	822,773	1,524,001
1952	-	-	-	1,245,500	-	-	1,950,940	404,018	1,385,857
1953	-	559,100	-	1,320,459	-	-	2,104,847	1,304,523	1,372,211
1954	-	-	-	2,264,833	-	-	2,139,790	1,377,460	1,609,636
1955	48,423	-	-	1,159,935	-	-	2,653,531	436,889	1,700,854
1956	-	-	-	1,068,383	-	-	1,364,927	4,505,410	1,737,170
1957	-	-	-	3,827,771	-	798,054	1,148,665	1,579,083	1,586,123
1958	-	-	-	1,333,971	-	-	1,762,552	1,185,965	2,106,205
1959	-	-	-	2,211,735	-	-	3,356,339	1,719,285	1,875,074
1960	-	-	-	1,090,654	-	-	5,456,640	-	2,522,923
TOTAL PRODUCTION									
YEAR	TOTAL PRODUCTION			EMPLOYEES	DAYS WORKED	FATALITIES	MAN DAYS	PRODUCTION PER FATAL	
CRAWFORD COUNTY	1950	3,850	6	6	46	-	276	-	-
	1943	1,988	3	3	76	-	228	-	-
	1944	3,897	5	5	280	-	1,400	-	-
	1945	3,471	5	5	200	-	1,000	-	-
	1946	3,010	5	5	200	-	1,000	-	-
	1947	5,298	5	5	200	-	1,000	-	-
	1948	19,140	10	10	191	-	1,914	-	-
	1949	32,699	33	33	244	-	8,040	-	-
	1950	98,702	38	38	274	-	9,371	-	-
	1951	72,566	38	38	224	-	8,518	-	-
	1952	66,206	19	19	290	-	5,512	-	-
	1953	51,836	12	12	288	-	3,456	-	-
	1954	59,832	18	18	222	-	3,989	-	-
	1955	83,841	24	24	274	-	6,580	-	-
	1956	77,510	15	15	239	-	3,589	-	-
	1957	62,634	32	32	241	-	7,704	-	-
	1958	28,712	37	37	232	-	8,576	-	-
	1959	51,629	35	35	241	-	8,438	-	-
	1960	107,578	34	34	238	-	8,105	-	-
CAMERON COUNTY									

* In 1955, and subsequent years, the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.

PRODUCTION TABLE

District 1

Operators and Mines	County	Production of coal and coke - net tons										No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market	By rail	By water	By truck	for domestic purposes	Coal used locally	Coal used for heat & power at mine	Coal used in manu- facture of coke	Total production of coal	Total production of coke	Days worked		
Allen Coal Co., Fred Allen Strip	Westmoreland	-	-	-	6,110	-	-	-	-	6,110	-	99	4	-
Ballas Coal Co.	Washington	-	-	-	70	-	-	-	-	70	-	22	2	-
Black Diamond No. 3 (a)	Washington	-	-	-	70	-	-	-	-	70	-	22	2	-
Baumgardner Coal Co., James	Westmoreland	-	-	-	3,000	-	-	-	-	3,000	-	180	-	-
Johnson (b)	Westmoreland	-	-	-	3,000	-	-	-	-	3,000	-	180	-	-
Bell Coal Co., Ewing Eclipse	Washington	-	-	-	2,560	-	-	-	-	2,560	-	173	3	-
Bethlehem Mines Corp.	Washington	-	-	-	2,560	-	-	-	-	2,560	-	173	3	-
Mine No. 51	Washington	723,112	-	-	-	-	-	-	-	723,112	-	171	582	3
Mine No. 58	Washington	758,192	-	-	-	632	-	-	-	758,824	-	168	534	-
Mine No. 60	Washington	764,653	-	-	-	2,821	-	-	-	767,474	-	167	444	8
Mine No. 51 Cleaning Plant	Washington	-	-	-	-	-	-	-	-	-	-	171	20	-
Mine No. 58 Cleaning Plant	Washington	-	-	-	-	-	-	-	-	-	-	168	23	-
Mine No. 60 Cleaning Plant	Washington	-	-	-	-	-	-	-	-	-	-	167	12	-
Total		2,245,957	-	-	-	3,453	-	-	-	2,249,410	-	1,615	-	11
Cosner Coal Co., F. J.	Washington	-	-	-	2,515	-	-	-	-	2,515	-	141	3	-
Cosner No. 1	Washington	-	-	-	2,515	-	-	-	-	2,515	-	141	3	-
Frankie Coal Co.	Westmoreland	-	-	-	5,192	-	-	-	-	5,192	-	137	9	-
Susanna	Westmoreland	-	-	-	5,192	-	-	-	-	5,192	-	137	9	-
Gibson Coal Co.	Washington	-	-	-	13,652	2,785	10	-	-	16,447	-	81	64	3
Gibson (c)	Washington	-	-	-	13,652	2,785	10	-	-	16,447	-	81	64	3
Kerlin Coal Co., Paul, Jr.	Westmoreland	-	-	-	1,697	-	-	-	-	1,687	-	31	7	-
Paul No. 2	Westmoreland	-	-	-	1,697	-	-	-	-	1,687	-	31	7	-
Kimmel Coal Co.	Westmoreland	-	-	-	4,703	-	-	-	-	4,703	-	55	6	-
Gert Strip (d)	Westmoreland	-	-	-	4,703	-	-	-	-	4,703	-	55	6	-
Partazana Coal Co., Louis	Washington	-	-	-	4,200	-	-	-	-	4,200	-	70	4	-
Partazana No. 1 Strip (a)	Washington	-	-	-	4,200	-	-	-	-	4,200	-	70	4	-
Partazana No. 2 Strip (a)	Washington	-	-	-	7,144	-	-	-	-	7,144	-	76	-	-
Total		-	-	-	11,344	-	-	-	-	11,344	-	4	-	-
Pazer-Davis Coal Co.	Washington	-	-	-	11,450	2,646	20	-	-	14,116	-	69	-	3
Gibson (e)	Washington	-	-	-	11,450	2,646	20	-	-	14,116	-	69	-	3
Pfile Coal Co., Walter S.	Washington	-	-	-	450	-	-	-	-	450	-	41	2	-
Pfile No. 1	Washington	-	-	-	450	-	-	-	-	450	-	41	2	-
Pieraccoli Coal Co., Eugene	Washington	-	-	-	2,257	-	-	-	-	2,257	-	220	2	-
Perry Strip	Washington	-	-	-	2,257	-	-	-	-	2,257	-	220	2	-

District 1

Operators and Mines		Production of coal and coke - net tons									
		Shipped to market	Coal used locally	Coal used for heat & power	Coal used in manufacture of coke	Total production of coal	Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
County		By rail	By water	By truck	By domestic purposes						
Sager Coal Co., H. L.	Westmoreland	-	-	1,054	-	-	1,054	60	6	-	-
Johnson (f)	Washington	1,608	303,923	637	-	-	306,168	167	190	-	-
United States Steel Corp.	Washington	1,608	303,923	637	-	-	306,168	167	190	-	-
Maple Creek Mine	Washington	-	-	-	-	-	-	-	-	-	-
Maple Creek Cleaning Plant	Washington	-	-	-	-	-	-	-	-	-	-
Valley Coal Co.	Washington	-	-	2,297	-	-	2,297	147	3	-	-
Eva	Washington	-	-	21,213	-	-	21,213	204	4	-	-
Vizza Coal Co., Joseph	Washington	-	-	281	-	-	281	65	2	-	-
Rinnie Strip	Westmoreland	-	-	661	-	-	661	110	2	-	-
W. & B. Coal Co.	Washington	-	-	-	-	-	-	-	-	-	-
W. & B. No. 1	Washington	-	-	-	-	-	-	-	-	-	-
Zippay Coal Co., George	Washington	-	-	-	-	-	-	-	-	-	-
Zippay No. 2	Washington	-	-	-	-	-	-	-	-	-	-
District Total		2,247,565	303,923	91,133	8,984	30	2,651,535	166	1,987	-	18

Production Per Fatal - No Fatal
Stripping Production 45,627 - Stripping Employees 20

NOTE: (a) Mine abandoned during the year.
(b) Formerly operated by Sager Coal Co. Employees included under Sager Coal Co.
(c) Now being operated by Pazer-Davis Coal Co.
(d) New strip mine opened during the year.
(e) Formerly operated by Gibson Coal Co. Employees included under Gibson Coal Co.
(f) Now being operated by James Baumgardner Coal Co.

District 2

Astma-Indiana Coal Corp.	Armstrong	7,809	-	-	-	7,809	102	2	-	-	-
D. C. Smith Strip (a)	Armstrong	361,152	-	6,659	6,220	374,031	234	176	1	44	-
Allegheny River Mining Co.	Armstrong	148,795	-	15,981	403	165,079	207	35	-	1	-
Mohecan Strip	Armstrong	-	-	-	-	-	-	-	-	-	-

District 2

Operators and Mines	County	Production of coal and coke - net tons										No. of employees	Fatal accidents	Non-fatal accidents
		Shipped to market	By rail	By water	By truck	for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal and coke	Total production of coke	Days worked			
Allegheny River Mining Co. (Cont.)	Armstrong	509,947	-	-	22,540	6,423	-	-	539,110	-	234	5	-	-
Cadogan Cleaning Plant	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-	-
Allen Coal Co., Paul S.	Armstrong	-	-	-	17,800	59	-	-	17,859	-	235	15	-	-
Allen No. 2	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-	-
Altmore Brothers Coal Co., Inc.	Armstrong	-	-	-	130	-	-	-	130	-	6	2	-	-
Art Strip (b) (c)	Armstrong	-	-	-	6,061	-	-	-	6,061	-	54	5	-	-
Duncan Strip (b)	Armstrong	-	-	-	4,963	-	-	-	11,073	-	107	-	-	-
S. & A. Strip-Parks Twp. (e)	Armstrong	6,110	-	-	1,350	-	-	-	1,350	-	18	5	-	-
S. & A. Strip-Wertz Farm (b)	Armstrong	-	-	-	-	-	-	-	-	-	202	6	-	-
Cleaning Plant (d)	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		6,110	-	-	12,504	-	-	-	18,614	-	-	18	-	-
B. & G. Construction Co., Inc.	Armstrong	-	-	-	34,743	-	-	-	34,743	-	94	5	-	-
Mateer Strip	Armstrong	-	-	-	20,475	-	-	-	20,475	-	60	-	-	-
McClay Strip (e)	Armstrong	-	-	-	12,108	-	-	-	12,108	-	29	-	-	-
Pence Strip (e)	Armstrong	-	-	-	67,326	-	-	-	67,326	-	-	5	-	-
Total		-	-	-	-	-	-	-	-	-	-	-	-	-
Balbo Brothers Coal Co.	Armstrong	-	-	-	3,669	-	6	-	3,675	-	213	5	-	-
Balbo No. 1	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-	-
Balbo Coal Co., Andrew	Armstrong	100	-	-	-	-	1	-	101	-	30	1	-	-
Balbo & Schreckengost (c)	Armstrong	-	-	-	3,166	10	-	-	3,176	-	156	4	-	-
Cannel Coal	Armstrong	100	-	-	-	11	-	-	3,277	-	-	5	-	-
Total		-	-	-	-	-	-	-	-	-	-	-	-	-
Bertetto Brothers Coal Co.	Armstrong	-	-	-	3,000	50	-	-	3,050	-	205	3	-	-
B. & B.	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-	-
Blutinous Coal Co., Inc.	Armstrong	5,048	-	-	-	-	-	-	5,048	-	92	5	-	1
Montgomery Strip (b) (c)	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-	-
Bollinger Coal Co., Herbert Bollinger	Armstrong	-	-	-	3,393	-	-	-	3,393	-	180	3	-	-
Bond, Nelson	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-	-
Bond Strip	Armstrong	101,056	-	-	-	-	-	-	101,056	-	340	26	1	-
Bowersox, G. C.	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-	-
Bluebird (c)	Armstrong	-	-	-	1,368	-	-	-	1,368	-	120	3	-	1
Bowser, Harl E.	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-	-
Ramer Auger (e)	Armstrong	2,552	-	-	-	-	-	-	2,552	-	20	-	-	-

District 2

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used		Coal used in		Total production of coal		Total production of coke	
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	manufacture of coke	of coal	of coke	Days worked	No. of employes
Bowser, Earl E. (Cont.)	Armstrong	33,734	-	-	-	-	-	33,734	-	204	8
Zimmerman Strip		36,286	-	-	-	-	-	36,286	-	8	-
Total											
Brink Coal Co.	Armstrong	-	-	6,999	-	1	-	7,000	-	271	8
Brink No. 1											
Brocius, Harold E.	Armstrong	1,361	-	-	-	-	-	1,361	-	117	2
Brocius No. 4 (e)											
Brocius, Homer C.	Armstrong	6,468	-	-	-	-	-	6,468	-	156	2
Brocius Strip											
Brocius, R. M.	Armstrong	600	-	-	-	-	-	600	-	80	1
Sherry (c)											
Brown, Clifton	Armstrong	855	-	-	-	-	-	855	-	215	1
Brown											
Burkett, Ralph D.	Armstrong	-	-	620	560	5	-	1,185	-	170	4
Burkett No. 1											
Carpentertown Coal & Coke Co.	Armstrong	-	-	-	-	-	2,706	2,706	1,623	39	6
Mahoning Creek Auger (b)							9,341	9,341	5,604	134	33
Mahoning Creek (b)	Armstrong	-	-	-	-	-	-	-	-	32	3
Cleaning Plant (b)											
Total							12,047	12,047	7,227	42	-
Catfish Coal Co., Inc.	Armstrong	-	-	18,018	-	-	-	18,018	-	192	12
Catfish											
Cherry Run Fuel Co.	Armstrong	-	-	2,945	-	-	-	2,945	-	146	5
Garretts Run											
Christy Coal Co., Charles	Armstrong	-	-	4,450	-	-	-	4,450	-	131	2
Christy Strip											
Cogley & McIlwain	Armstrong	-	-	6,461	-	-	-	6,461	-	268	3
Moore Strip											
Corby Coal Co.	Armstrong	-	-	586	1,307	2	-	1,895	-	150	3
Ducca											
Gorman, Earl	Armstrong	5,334	-	-	10	-	-	5,344	-	109	5
Gorman Strip											
Cravener, J. Russell	Armstrong	1,700	-	-	-	-	-	1,700	-	20	20
Bashline Strip											
Kammerdiener Auger (e)	Armstrong	10,161	-	-	-	-	-	10,161	-	247	-
Kammerdiener Strip (e)											
Kammerdiener Strip (e)	Armstrong	64,426	-	-	-	-	-	64,426	-	247	-
Total		75,787	-	-	-	-	-	75,787	-	20	-

District 2

Operators and Mines	County	Production of coal and coke - net tons						Total : production of coke	No. of em- ployes	Fatal acci- dents
		Shipped to market		Coal used locally for domestic purposes	Coal used for heat & power at mine	Coal manu- facture of coke	Total : produc- tion :			
		By rail	By water	By truck						
Grissman, Charles S. Reesman	Armstrong	3,478	-	-	-	-	3,478	-	150	3
Grissman, Clarence Grissman	Armstrong	900	-	-	-	-	900	-	200	1
Dantella Brothers, Inc. Dantella No. 1 Strip	Armstrong	-	-	4,645	-	-	4,645	-	150	5
Dantella No. 2 Strip	Armstrong	-	-	10,865	-	-	10,865	-	101	6
Total		-	-	15,510	-	-	15,510	-	-	11
Edri Contracting Co., Inc. Altimus Strip	Armstrong	15,100	-	-	-	-	15,100	-	234	4
Forrest Coal Co. Forrest	Armstrong	-	-	2,334	-	-	2,334	-	180	11
Frazer Coal Co., David Frazer	Armstrong	-	-	2,205	-	-	2,205	-	135	5
Hagofsky, Edward Hagofsky (b)	Armstrong	-	-	-	102	-	102	-	50	1
Harcloff Mining Co. Colmol (f)	Armstrong	-	-	9,695	-	-	9,695	-	160	10
Harnan, Paul C. Widnoon Strip	Armstrong	74,085	-	-	-	-	74,085	-	283	9
Harnan Coal Co. Harnan No. 4	Armstrong	23,463	-	-	-	-	23,463	-	226	13
Hawk Brothers Contracting Co. No. 13 Strip	Armstrong	6,756	-	-	-	-	6,756	-	35	4
Pine Run No. 3 Strip	Armstrong	184,818	-	-	-	-	184,818	-	306	20
Auger	Armstrong	18,624	-	-	-	-	18,624	-	200	8
Total		210,198	-	-	-	-	210,198	-	-	32
Haynle Coal Co. Townsend Strip	Armstrong	9,195	-	-	-	-	9,195	-	266	3
Hays Run Coal Co. Mosgrove No. 3	Armstrong	2,270	-	-	-	-	2,270	-	75	4
Heffelfinger Coal Co. Heffelfinger Strip	Armstrong	16,900	-	8,120	-	-	25,020	-	151	7
Hendershot Coal Co. Hendershot	Armstrong	-	-	-	1,800	-	1,800	-	200	2
Henderson, Loyal T. Henderson No. 3	Armstrong	2,200	-	-	600	-	2,800	-	290	3

District 2

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used locally		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal of coke	Total production of coke
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	used in manufacture of coke	of coal	of coke		
Samm Coal Co.	Armstrong	54,342	-	-	-	-	-	54,342	-	129	15
Samm No. 3 Strip (c)	Armstrong	1,200	-	-	-	-	-	1,200	-	200	2
Schreckengost Coal Co., Lawrence	Armstrong	973	-	-	493	3	-	1,469	-	76	6
Schreckengost	Armstrong	-	-	-	-	2	-	350	-	175	1
Shannock Coal Co.	Armstrong	1,374	-	348	-	1	-	1,737	-	68	6
Shannock No. 2	Armstrong	-	-	-	-	-	-	-	-	200	4
Shannon, Chester	Armstrong	5,810	-	-	-	-	-	5,810	-	109	2
Shannon	Armstrong	4,032	-	200	-	-	-	4,232	-	163	3
Shoemaker, Karl & Paul	Armstrong	-	-	-	-	-	-	4,628	-	154	4
Shoemaker No. 1 (c)	Armstrong	-	-	-	-	-	-	1,037	-	160	4
Shoffner, Max E.	Armstrong	-	-	-	1,037	-	-	112,774	-	224	12
Colwell Tipple (d)	Armstrong	-	-	-	-	-	-	-	-	70	2
Smith, J. Merle	Armstrong	-	-	-	-	-	-	470	-	250	18
D. C. Smith Strip (i)	Armstrong	-	-	-	-	-	-	-	-	180	9
Smith Coal Co.	Armstrong	-	-	-	-	-	-	-	-	268	4
Smith No. 3	Armstrong	-	-	-	-	-	-	-	-	208	11
Smith Coal Co., George	Armstrong	-	-	-	-	-	-	-	-	45	2
Rosenberger No. 1 & 2	Armstrong	-	-	-	-	-	-	-	-	183	-
Smith-Hawkins Coal Co.	Armstrong	-	-	-	-	-	-	-	-	-	-
Smith & Hawkins	Armstrong	-	-	-	-	-	-	-	-	-	-
Snyder Co., C. H.	Armstrong	-	-	-	-	-	-	-	-	-	-
Snyder Strip	Armstrong	-	-	-	-	-	-	-	-	-	-
Stitt Brothers Coal Co.	Armstrong	-	-	-	-	-	-	-	-	-	-
Stitt	Armstrong	-	-	-	-	-	-	-	-	-	-
Strong's Quality Coal Co.	Armstrong	-	-	-	-	-	-	-	-	-	-
Strong's	Armstrong	-	-	-	-	-	-	-	-	-	-
Sugar Creek Coal, Inc.	Armstrong	-	-	-	-	-	-	-	-	-	-
Sugar Creek	Armstrong	-	-	-	-	-	-	-	-	-	-
Sutter Coal Co., John	Armstrong	-	-	-	-	-	-	-	-	-	-
Weich	Armstrong	-	-	-	-	-	-	-	-	-	-
Taylor Brothers	Armstrong	-	-	-	-	-	-	-	-	-	-
Taylor Strip (b)	Armstrong	-	-	-	-	-	-	-	-	-	-
Titus Brothers Coal Co.	Armstrong	-	-	-	-	-	-	-	-	-	-
Titus (c)	Armstrong	-	-	-	-	-	-	-	-	-	-
Toy Coal Co., Edwin W.	Armstrong	-	-	-	-	-	-	-	-	-	-
Toy Strip (b)	Armstrong	-	-	-	-	-	-	-	-	-	-

District 2

Operators and Mines	County	Production of coal and coke - net tons										No. of em- ployees	Fatal ac- cidents	Non-fatal accidents
		Shipped to market	By rail	By water	By truck	Locally used for domestic purposes	Coal used for heat & power at mine	Coal used for manufacture of coke	Total production of coal	Total production of coke	Days worked			
Travis Coal Co., Henry Travis	Armstrong	483	-	-	-	50	-	-	533	-	53	2	-	-
Trudgen Coal Co.	Armstrong	-	-	-	-	900	-	-	900	-	60	2	-	-
Union Coal Co.	Armstrong	-	-	-	3,840	-	-	-	3,840	-	192	4	-	1
Valley Coal Co.	Armstrong	-	-	-	-	3,460	10	-	3,470	-	225	3	-	-
Blue Jay	Armstrong	-	-	-	-	1,933	-	-	5,933	-	204	7	-	1
Walker Coal Co., Lester E. & N.	Armstrong	1,494	-	-	4,000	-	-	-	1,494	-	34	4	-	-
Wallwork Coal Co.	Armstrong	8,771	-	-	-	4,317	10	-	13,098	-	225	18	-	2
Wells Brothers Coal Co.	Armstrong	-	-	-	-	-	-	-	57,336	-	311	10	-	2
West Freedom Mining Co.	Armstrong	-	-	-	57,336	-	-	-	6,878	-	138	-	-	-
W. Freedom No. 19 Strip	Armstrong	-	-	-	6,878	-	-	-	18,710	-	311	5	-	-
W. Freedom No. 19 Auger	Armstrong	-	-	-	18,710	-	-	-	68,414	-	319	16	-	1
W. Freedom No. 24 Strip	Armstrong	20,882	-	-	47,532	-	-	-	6,489	-	130	-	-	-
W. Freedom No. 29 Strip	Armstrong	-	-	-	6,489	-	-	-	157,827	-	31	-	-	-
W. Freedom No. 29 Auger	Armstrong	20,882	-	-	136,945	-	-	-	-	-	-	-	-	-
Total														
White, Paul S.	Armstrong	-	-	-	-	420	-	-	420	-	140	1	-	-
White	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-	-
Wilson Coal Co., Merle	Armstrong	-	-	-	800	-	-	-	1,600	-	170	2	-	-
Zitzelberger Coal Co.	Armstrong	3,000	-	-	-	-	-	-	3,000	-	160	2	-	-
Zitzelberger	Armstrong	1,787,942	-	-	646,084	47,231	142	12,047	2,493,446	7,227	213	1,061	2	95
District Total														

Production Per Fatal - 1,246,723

Stripping Production 1,421,687 - Stripping Employees 356

NOTE: (a) Taken over by J. Merle Smith.
 (b) New operation in 1960.
 (c) Suspended operations during 1960.

(g) Taken over by Wallwork Coal Co.
 (h) Coal production incidental to testing machinery.
 (i) Formerly operated by Aetna-Indiana Coal Corp.
 (j) Formerly operated by Hays Run Coal Co.

District 3

Operators and Mines	County	Production of coal and coke - net tons											
		Shipped to market		Coal used locally for domestic purposes		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal and coke	Total production of coke		
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	used in manufacture of coke	of coke					
Allison Engineering Co.	Butler	81,806	-	15,284	-	-	-	-	-	97,090	286	25	2
Dell No. 3 Strip	Butler	22,496	-	-	-	-	-	-	-	22,496	-	4	-
Auger	Butler	-	-	-	-	-	-	-	-	-	286	4	-
Cleaning Plant	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Total		104,302	-	15,284	-	-	-	-	-	119,586	-	33	2
Ambrose Coal Co.	Butler	-	-	4,923	-	-	-	-	-	4,923	-	169	5
Ambrose No. 1	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Amos Coal Corp., C. L.	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Adams Strip	Butler	172,405	-	-	-	-	-	-	-	172,405	-	251	24
Cleaning Plant - Hilliard	Butler	-	-	-	-	-	-	-	-	-	-	6	-
Total		172,405	-	-	-	-	-	-	-	172,405	-	30	2
Angle Coal Co.	Butler	-	-	1,800	-	-	-	-	-	1,800	-	245	3
Angle (a)	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Barber Coal Co.	Butler	-	-	15,462	-	-	-	-	-	15,462	-	148	4
Shidemantle Strip	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Blum Coal Co., Ray	Butler	-	-	12,059	-	-	-	-	-	12,059	-	281	3
Blum Strip	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Blystone Coal Co.	Butler	-	-	4,727	-	-	-	-	-	4,727	-	251	4
Blystone	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Boyles Coal & Supply Co.	Butler	-	-	3,523	-	-	-	-	-	3,523	-	93	9
Clintonville Strip	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Burkhard Coal Co., J. L.	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Kaiser	Butler	-	-	512	-	-	-	-	-	512	-	225	2
Butia Brothers Coal Co.	Butler	-	-	6,800	-	-	-	-	-	6,800	-	212	3
Shidemantle No. 1 Strip	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Butler Consolidated Coal Co.	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Willwood (b)	Allegheny	16,400	-	10,000	-	-	-	-	-	26,400	-	99	215
Chinn Coal Co., Abe	Butler	24,700	-	-	-	-	-	-	-	24,700	-	245	4
Willcox No. 3 Strip	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Chutz Brothers Coal Co.	Butler	160,480	-	-	-	-	-	-	-	160,480	-	294	20
Kabon Strip	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Colonial Gas-Coal Co.	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Bickel Strip (a)	Butler	-	-	1,000	-	-	-	-	-	1,000	-	205	7
Connoquessing Coal Co.	Butler	-	-	-	-	-	-	-	-	-	-	-	-
Royle No. 3	Butler	-	-	7,000	-	-	-	-	-	7,000	-	110	5

District 3[illegible]

District 4

Operators and Mines	County	Production of coal and coke - net tons										No. of employes	Fatal accidents	Non-fatal accidents	
		Shipped to market					Coal used								
		By rail	By water	By truck	locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke	Total production of coke and coal					
Culbertson & Myers	Clarion	-	-	8,775	-	-	-	-	8,775	-	-	200	4	-	-
D. & J. Coal Co.	Clarion	-	-	1,207	-	-	-	-	1,207	-	-	71	3	-	-
Daugherty & Sons, Mrs. W. A.	Jefferson	-	-	-	3,702	-	-	-	3,702	-	-	175	5	-	-
Daugherty No. 5	Clarion	18,932	-	-	-	-	-	-	18,932	-	-	196	8	-	-
Davis & McFadden	Clarion	19,143	-	100,629	-	-	-	-	119,772	-	-	310	63	-	4
D. & M. Strip	Jefferson	9,782	-	-	1,087	-	-	-	10,869	-	-	276	6	-	-
Dean Coal Co.	Clarion	-	-	-	200	-	-	-	200	-	-	52	-	-	-
Doan Coal Co.	Clarion	-	-	483	-	-	-	-	483	-	-	71	3	-	-
Doan Strip	Jefferson	-	-	-	660	-	-	-	660	-	-	150	2	-	-
Doverspike, C. A.	Clarion	17,614	-	-	-	-	-	-	17,614	-	-	272	12	-	-
Doverspike (b)	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eck Brothers Coal Co.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eck	Jefferson	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emery Brothers Coal Co.	Clarion	-	-	9,805	-	-	-	-	9,805	-	-	142	11	-	-
Emmenton Limestone Co.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Emmenton Strip (a)	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Evans Coal Co.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Evans No. 4	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Evans Trucking Co.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leasure Run (c)	Jefferson	-	-	5,872	-	-	-	-	5,872	-	-	99	12	-	-
F.A.N.G. Coal Co.	Jefferson	-	-	-	643	-	-	-	643	-	-	123	4	-	-
Wayne No. 2 (d)	Jefferson	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Foust, Richard L.	Jefferson	2,000	-	-	500	-	-	-	2,500	-	-	210	4	-	-
Foust Strip	Jefferson	-	-	-	418	-	-	-	418	-	-	127	-	-	-
G.N.A.T. Coal Co.	Clarion	5,045	-	-	-	-	-	-	5,045	-	-	44	6	-	-
Wayne No. 2 (e)	Clarion	8,914	-	-	-	-	-	-	8,914	-	-	123	8	-	-
Glenn, W. Paul	Clarion	-	-	-	214	-	2	-	216	-	-	216	1	-	-
Glen, Strip	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hargrow Industries, Inc.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Foxburg Strip	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepfl, William G.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepfl	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-	-

District 4

Operators and Mines	County	Production of coal and coke - net tons							Total : production of coke	Days worked	No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market	Coal used locally	Coal used for heat & power at mine	Coal used in manu- facture of coke	Total produc- tion	Total produc- tion of coal	Total produc- tion of coke					
Holt, Dale		By rail	By truck	By domestic purposes									
Holt	Jefferson	-	4,942	693	-	-	5,635	-	240	5	-	-	-
Iseman Brothers Coal Co.													
Iseman Strip	Clarion	53,207	-	-	-	-	53,207	-	310	30	-	-	2
Kahle Coal Co.													
Kahle Strip	Clarion	-	61,972	7,000	200	-	69,172	-	297	27	-	-	-
Kiser, Wilbur H.													
Kiser Strip	Clarion	-	15,013	-	-	-	15,013	-	277	6	-	-	-
Klebacha, Joseph													
Klebacha	Jefferson	-	-	3,807	-	-	3,807	-	205	4	-	-	-
Krach & Gearhart Coal Co.													
K. & G. Strip	Jefferson	8,240	-	-	-	-	8,240	-	46	11	-	-	-
Lundblad, Rudolph													
Lundblad	Jefferson	-	9,078	-	2	-	9,080	-	254	9	-	-	-
Mac Coal Co.													
Mac No. 1 Strip	Clarion	138,350	-	-	-	-	138,350	-	350	23	-	-	2
Mac No. 2 Strip	Clarion	89,370	-	-	-	-	89,370	-	300	26	-	-	-
Cleaning Plant	Clarion	-	-	-	-	-	-	-	80	5	-	-	-
Total		227,720	-	-	-	-	227,720	-	54	2	-	-	-
Mauersberg, Kenneth & Gerald													
Mauersberg Strip	Clarion	-	27,495	-	-	-	27,495	-	238	4	-	-	-
Mays Coal Co.													
Mays Strip	Clarion	131,958	12,706	-	-	-	144,664	-	301	28	-	-	-
McCandless, R. F.													
McCandless	Clarion	-	-	300	-	-	300	-	60	3	-	-	-
McIntosh Coal Co.													
McIntosh Strip	Clearfield	62	-	181	-	-	243	-	63	7	-	-	-
Miknis, Charles													
Miknis	Jefferson	-	-	600	-	-	600	-	110	2	-	-	-
Miller, C. F.													
Miller	Clarion	-	-	186	-	-	186	-	60	1	-	-	-
Miller & Evans													
Doverspike (f)	Clarion	-	-	585	-	-	585	-	70	2	-	-	-
Minns Coal Co.													
Minns Strip	Jefferson	129,986	12,489	3,190	-	-	145,665	-	250	39	-	-	1
Holt Auger	Jefferson	-	8,009	-	-	-	8,009	-	193	2	-	-	-
Total		129,986	20,498	3,190	-	-	153,674	-	41	-	-	-	-

District 4

Operators and Mines	County	Production of coal and coke - net tons												
		Shipped to market		Coal used locally for domestic purposes		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal and coke	Days of employment	No. of employees	Fatal accidents	Non-fatal accidents
		By rail	By water	By truck										
Myers, Neuland	Clarion	-	-	-	-	200	-	-	-	200	90	2	-	-
Pennsy No. 12	Clarion	27,922	-	-	-	-	-	-	-	27,922	304	4	-	-
Pascaret, James P. & G. Strip	Clarion	5,047	-	-	-	202	-	-	-	5,249	179	4	-	-
Pleasant Valley Coal Co.	Clarion	-	-	-	1,200	8,641	-	-	-	9,841	200	5	-	-
P. V. Strip	Clarion	-	-	-	3,500	500	-	-	-	4,000	240	7	-	-
R. & R. Coal Co.	Clarion	79,623	-	-	-	-	-	-	-	79,623	151	24	-	-
Turkey Run	Clarion	77,047	-	-	-	-	-	-	-	77,047	151	25	-	1
Reed, Frank	Clarion	-	-	-	8,812	3,500	-	-	-	12,312	290	3	-	-
Reed Coal Co., Earl M.	Clarion	-	-	-	2,500	-	-	-	-	2,500	200	3	-	-
Bostonia No. 2 Strip	Clarion	-	-	-	11,322	3,500	-	-	-	14,812	-	6	-	-
Reed Contractors & Co., Inc., E. M.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Bostonia No. 1 Strip	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Reitz, Dawson	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Reitz Strip	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Hill Top Mine No. 4	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Total														
Rosio, Michael J.	Jefferson	4,671	-	-	-	838	-	-	-	5,509	206	4	-	-
Rosio Strip	Clarion	19,353	-	-	-	-	-	-	-	19,353	93	15	-	-
Samm Coal Co.	Clarion	-	-	-	500	-	-	-	-	500	100	3	-	-
Selker Coal Co.	Clarion	-	-	-	117,979	-	75	-	-	118,054	284	35	-	4
Gruber	Jefferson	1,062	-	-	-	188	-	-	-	1,250	35	4	-	-
Siegel Coal Co., Harold A.	Jefferson	1,704	-	-	-	3,144	-	-	-	4,848	222	4	-	-
Siegel Strip	Clarion	25,670	-	-	-	5,650	-	-	-	31,320	302	7	-	-
Smith & Sons, Farmer	Clarion	264,036	-	-	-	3,645	126	-	-	267,801	307	68	-	4
Farmer Smith Strip	Clarion	-	-	-	-	-	-	-	-	-	315	6	-	-
Snyder & Son, C. A.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Snyder Strip	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Stahlman, Frank David, Jr.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Stahlman Strip	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Stahlman Coal Co., Inc., W. P.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Stahlman Strip	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Cleaning Plant	Clarion	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		264,036	-	-	-	3,645	126	-	-	267,801	74	-	-	-

District 4

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used		Coal used in		Total production of coke		Total production of coke	
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	manufacture of coke	of coke	of coke	Days worked	No. of employees
Stiles Co., G. A.	Clarion	-	-	160,478	-	-	-	160,478	-	294	26
Stiles Strip	Jefferson	15,310	-	-	4,270	-	-	19,580	-	241	12
Strishock Strip	Clarion	-	-	-	1,900	-	-	1,800	-	120	4
Walters Coal Mines	Clarion	-	-	-	82,016	-	-	82,016	-	300	31
Walters	Clarion	60,000	-	-	250	-	-	60,250	-	283	27
Weaver & Sons, A. P.	Jefferson	-	-	2,547	-	-	-	2,547	-	204	3
Weaver Strip	Jefferson	-	-	11,635	-	-	-	11,635	-	279	8
West Freedom Mining Co.	Jefferson	-	-	14,182	-	-	-	14,182	-	11	1
West Freedom Strip	Clarion	-	-	-	-	-	-	-	-	-	-
Westville Coal Co.	Clarion	-	-	-	-	-	-	-	-	-	-
Westville No. 1	Clarion	-	-	-	-	-	-	-	-	-	-
Westville No. 2	Clarion	-	-	-	-	-	-	-	-	-	-
Total											
Wingert Contracting Co., Inc.	Clarion	26,218	-	-	332	-	-	26,550	-	244	18
Gretchen Strip (c)	Clarion	-	-	-	-	-	-	-	-	215	-
Cleaning Plant (g)	Clarion	-	-	-	-	-	-	-	-	-	-
Total											
Wolbert Coal Co.	Clarion	182	-	34,067	342	22	-	34,613	-	232	13
Wolbert Strip	Clarion	-	-	-	605	-	-	605	-	225	2
Zacherl, Bernard	Clarion	-	-	-	-	-	-	-	-	-	-
Zacherl	Clarion	-	-	-	-	-	-	-	-	-	-
Zacherl Coal Co., Inc.	Clarion	228,529	-	115,479	1,400	498	-	345,906	-	308	52
Madden Strip	Clarion	-	-	-	-	-	-	-	-	300	5
Cleaning Plant	Clarion	228,529	-	115,479	1,400	498	-	345,906	-	57	57
Total											
Zuck Coal Co.	Clarion	-	-	13,506	-	-	-	13,506	-	155	3
Zuck Strip	Clarion	-	-	-	-	-	-	-	-	-	-
District Total		2,083,222	-	902,352	79,855	1,319	-	3,066,748	-	245	1,039
											30

Stripping Production 2,943,244 - No Fatal - Stripping Employees 887

NOTE: (a) Not operating at the present time. (d) Formerly operated by G.N.A.T. Coal Co.
 (b) Leased by Miller & Evans. (e) Presently being operated by F.A.N.G. Coal Co. Employees listed under G.N.A.T. Coal Co.
 (c) Closed. (f) Formerly operated by the owner C. A. Doverspike.
 (g) Purchased by the Mac Coal Co. Employees listed under Mac Coal Co.

District 5

Operators and Mines	County	Production of coal and coke - net tons							Total production of coal	Total production of coke	Days of coke worked	No. of employes	Fatal accidents	Non-fatal accidents
		Shipped to market	By rail	By water	By truck	Coal used locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke						
Ambrusia Coal & Construction Co.	Lawrence	-	-	-	32,159	30,000	-	-	62,159	-	307	22	-	1
Hillsville Strip	Lawrence	-	-	-	20,667	-	-	-	20,667	-	307	6	-	-
Vanport Strip		-	-	-	52,826	30,000	-	-	82,826	-	28	-	-	1
Total														
Armstrong & Phipps	Venango	-	-	-	1,455	-	2	-	1,457	-	94	2	-	-
Atwell Coal Co.	Venango	-	-	-	3,500	50	-	-	3,550	-	200	2	-	-
Roeder Strip (a)		-	-	-	-	-	-	-	-	-	-	-	-	-
Barber, David E.	Lawrence	-	-	-	13,476	-	-	-	13,476	-	80	4	-	-
Brown Strip		-	-	-	-	-	-	-	-	-	-	-	-	-
Bessemer Limestone & Cement Co.	Lawrence	-	-	-	118,135	-	-	-	118,135	-	318	23	-	2
Candel Strip		-	-	-	-	-	-	-	-	-	-	-	-	-
Best Brothers Coal Co.	Lawrence	-	-	-	6,214	-	-	-	6,214	-	250	7	-	-
Best		-	-	-	-	-	-	-	-	-	-	-	-	-
Big Valley Coal Co.	Venango	-	-	-	7,544	-	-	-	7,544	-	70	8	-	-
Rodgers Strip (a)		-	-	-	-	-	-	-	-	-	-	-	-	-
Bobo, Estate of George		-	-	-	-	-	-	-	-	-	-	-	-	-
Wolf Creek No. 13 Strip (a)	Mercer	49,792	-	-	42,214	-	-	-	92,006	-	337	18	-	3
Wolf Creek No. 12 Strip (a)	Mercer	28,195	-	-	31,217	-	-	-	59,412	-	337	18	-	2
Total		77,987	-	-	73,431	-	-	-	151,418	-	36	-	-	5
Boyles Coal & Supply Co.		-	-	-	-	-	-	-	-	-	-	-	-	-
Clintonville Strip (a)	Venango	-	-	-	27,982	-	-	-	27,982	-	179	6	-	-
Brown Coal Co., W. G.		-	-	-	-	-	-	-	-	-	-	-	-	-
Indian Strip (a)	Venango	-	-	-	20,581	-	-	-	20,581	-	69	12	-	-
Buckeye Coal Co., The		-	-	-	-	-	-	-	-	-	-	-	-	-
Mercer Strip	Mercer	186,369	-	-	10,466	53	-	-	196,888	-	220	24	-	1
Lawrence Strip (a)	Lawrence	-	-	-	100,641	-	-	-	100,641	-	216	19	-	1
Total		186,369	-	-	111,107	-	-	-	297,529	-	43	-	-	2
Castellucci Excavating, J.		-	-	-	-	-	-	-	-	-	-	-	-	-
Helen No. 3 Strip (a)	Lawrence	-	-	-	11,346	-	-	-	11,346	-	163	6	-	-
Center Coal Co.		-	-	-	-	-	-	-	-	-	-	-	-	-
Center (a)	Mercer	-	-	-	-	3,082	10	-	3,092	-	68	14	-	-
Chutz Brothers Coal Co.		-	-	-	-	-	-	-	-	-	-	-	-	-
Chutz Strip (b)	Venango	-	-	-	83,461	-	-	-	83,461	-	265	15	-	2
Corry Excavating & Mining Co.		-	-	-	-	-	-	-	-	-	-	-	-	-
Cemco Strip	Lawrence	-	-	-	102,099	-	-	-	102,099	-	364	20	-	1

District 5

Production of coal and coke - net tons

Operators and Mines	County	Shipped to market		Coal used		Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
		By rail	By water	By trucks	for domestic purposes								
Cover Coal Mines													
Cover No. 3	Mercer	-	-	8,141	4,056	10	-	12,197	-	255	22	-	4
DeMarsh, Theodore													
Walters Strip (a)	Venango	-	-	2,535	-	-	-	2,535	-	27	3	-	-
Dodds Coal Co.													
Dodds No. 1 Strip (b)	Lawrence	-	-	87,066	-	-	-	87,000	-	289	8	-	-
Filby Coal Co., J. H.													
Peebles No. 2 Strip	Lawrence	-	-	38,567	684	-	-	39,251	-	281	6	-	-
Fisher Mining Co.													
Sara	Mercer	-	-	5,337	-	-	-	5,337	-	146	13	-	-
Kable Coal Co.													
Manross Strip (a)	Venango	-	-	10,477	-	-	-	10,477	-	154	2	-	-
Keystone Valley Coal Co.													
Princeton Strip (a)	Lawrence	-	-	52,377	-	-	-	52,377	-	204	14	-	-
Lake Erie Mining Enterprises, Inc.													
Lake Erie Strip	Lawrence	-	-	51,033	-	-	-	51,033	-	340	11	-	-
List Mining Co.													
List Strip	Lawrence	-	-	7,996	-	-	-	7,996	-	270	2	-	-
Mathieson, Thomas B.													
Steigerwald Strip	Venango	-	-	26,830	-	-	-	26,830	-	222	3	-	-
Kines Strip (b)	Mercer	-	-	4,658	-	-	-	4,658	-	50	2	-	-
Total		-	-	31,488	-	-	-	31,488	-	-	5	-	-
Mattish Mining Co.													
Mattish Strip (b)	Lawrence	-	-	6,785	460	-	-	7,245	-	105	8	-	-
Mellon, Paul													
Mellon Strip (b)	Mercer	-	-	240	-	-	-	240	-	21	2	-	-
Miller & McKnight Coal Co.													
Lawrence Strip	Lawrence	-	-	62,254	-	-	-	62,254	-	313	19	-	-
Natco Corp.													
Brant Clay Strip	Lawrence	-	-	1,730	-	-	-	1,730	-	10	3	-	-
Negley Fire Clay Co.													
Lipp Strip (b)	Lawrence	-	-	15,263	-	100	-	15,363	-	69	8	-	1
Perry Ross Coal Co.													
Elder Strip (b)	Mercer	-	-	43,202	3,000	-	-	46,202	-	210	14	-	-
Platt & Craig Coal Co.													
Lawrence Strip	Lawrence	-	-	41,031	-	-	-	41,031	-	277	11	-	-

District 5

Operators and Mines	County	Production of coal and coke - net tons							Total : production of coke	Days worked	No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Coal used locally for domestic purposes	Coal used for heat & power at mine	Coal used in manu- facture of coke	Total produc- tion of coal						
Reese Coal Co.	Lawrence	-	-	-	190	-	-	190	-	85	1	-	-
Surrena Coal Co.	Venango	-	-	-	920	10	-	930	-	200	1	-	-
Tasa Coal Co.	Venango	243,812	-	-	148,822	-	-	392,634	-	304	42	9	-
Bortz Strip	Venango	-	-	-	-	-	-	-	-	304	2	-	-
Bortz Cleaning Plant	Venango	243,812	-	-	148,822	-	-	392,634	-	44	9	-	-
Total													
Testa Brothers, Inc.	Mercer	74,328	-	-	3,189	-	-	77,517	-	308	17	-	-
Testa No. 1 Strip	Venango	65,237	-	-	22,121	-	-	87,358	-	324	16	-	-
Tri-County Fuel Co.													
Lynn Strip													
Turner Brothers Construction Co.	Mercer	48,697	-	-	146,094	-	2	194,793	-	308	39	-	4
Highland Strip													
Veon, Inc., R. A.	Lawrence	-	-	-	13,841	-	-	13,841	-	128	10	-	-
Veon Strip													
Walsh Coal Co.	Lawrence	-	-	-	1,309	-	-	1,309	-	200	3	-	-
Walsh (a)													
Weaver & Sons, A. P.	Venango	-	-	-	11,178	-	-	11,178	-	300	2	-	2
Rapp Strip													
West Freedom Mining Co.	Lawrence	-	-	-	31,800	-	-	31,800	-	262	4	-	-
No. 11 Strip													
Willowbrook Mining Co.													
Corry Strip (a)	Lawrence	-	-	-	94,880	-	-	94,880	-	252	8	-	-

Production Per Fatal - No Fatal
Stripping Production 2,281,627 - Stripping Employees 461

NOTE: (a) Mines abandoned during 1960.
(b) New mines.

District 6

Operators and Mines	County	Production of coal and coke - net tons										No. of employees	Fatal accidents	Non-fatal accidents
		Shipped to market	By rail	By water	By truck	Locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke	Days worked			
Marport Coal Co.	Cambria	4,529	-	-	3,199	-	-	-	7,728	-	139	11	-	-
Martindale Coal Co.	Cambria	148	-	-	-	-	-	-	148	-	13	2	-	-
Obreza Coal Co.	Cambria	-	-	-	-	650	-	-	650	-	200	1	-	-
Krayn No. 1	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
Paulson Coal Co.	Cambria	-	-	-	-	41	-	-	41	-	21	2	-	-
Pennsylvania Coal & Coke, Div. of Fairbanks Whitney Corp.	Cambria	81,570	-	-	-	1,208	46	-	82,824	-	158	54	-	2
Ehrenfeld No. 3 (b)	Cambria	178,951	-	-	-	1,489	46	-	180,486	-	175	99	-	6
Ehrenfeld No. 8	Cambria	260,521	-	-	-	2,697	92	-	263,210	-	-	153	-	8
Total														
Primovich & Permisky Coal Co.	Cambria	-	-	-	-	150	-	-	150	-	200	2	-	-
Leamer No. 1	Cambria	-	-	-	5,011	-	-	-	5,011	-	90	13	-	-
Prospect Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
Prozialaleck Coal Co.	Cambria	-	-	-	-	582	-	-	582	-	91	2	-	-
R. & J. Coal Co.	Cambria	46	-	-	-	-	-	-	46	-	20	2	-	-
Rock Tunnel Coal Co.	Cambria	-	-	-	-	1,150	-	-	1,150	-	110	4	-	-
No. 1	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
Shesley Coal Co.	Cambria	-	-	-	596	245	-	-	841	-	56	3	-	-
No. 2 Strip	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
Wantiez Coal Co.	Cambria	-	-	-	-	736	-	-	736	-	110	3	-	-
No. 2	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
Weaver & Burkett Coal Co.	Cambria	-	-	-	-	227	-	-	227	-	53	3	-	-
No. 1	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total		893,477	-	-	55,774	29,573	20,481	-	1,008,305	-	150	796	1	44

Production Per Fatal - 1,008,305

Stripping Production 56,580 - Stripping Employees 43

NOTE: (a) Adams fuel discontinued operating the Riverline No. 2 Mine January 31, 1960.

(b) Pennsylvania Coal & Coke Div. Fairbanks Whitney Corp. discontinued operation Ehrenfeld No. 3 Mine December 16, 1960.

District 7

Production of coal and coke - net tons

Operators and Mines	County	Shipped to market		Coal used		Coal used for heat & power at mine	Coal used in manu- facture of coke	Total produc- tion of coal	Total produc- tion of coke	Days worked	No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
		By rail	By water	By truck	locally for domestic purposes								
Dinning Coal Co., Ray M.	Somerset	33,059	-	-	-	-	-	33,059	-	227	17	-	2
Wilbur No. 4 (c)	Gertiz	-	-	-	304	-	-	304	-	75	2	-	-
Gertiz Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Greathouse Coal Co.	Cambria	-	-	-	108	-	-	108	-	40	3	-	-
Greathouse (d)	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Hagans & Baker Coal Co.	Somerset	2,690	-	-	-	-	-	2,690	-	188	2	-	-
Hagans & Baker	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Hause Coal Co.	Somerset	725	-	-	-	-	-	725	-	200	3	-	-
Hause	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Heidingsfelder Coal Co., Fred C.	Cambria	-	-	-	540	-	-	540	-	122	1	-	-
Heidingsfelder	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Horne Coal Co., O. B.	Somerset	-	-	-	1,476	-	-	1,476	-	114	3	-	-
North Fork	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Hritz Coal Co., George	Somerset	2,478	-	-	5,144	-	-	7,622	-	186	8	-	-
Hritz	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Huber Street Coal Mining Co.	Cambria	-	-	-	493	-	-	493	-	93	2	-	-
Huber	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Huston Coal Co.	Somerset	2,932	-	-	-	-	-	2,932	-	167	4	-	-
Huston	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Jock & Evenech Coal Co.	Somerset	1,806	-	-	-	-	-	1,806	-	180	2	-	-
Wilbur, E Section	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Kelso Coal Co.	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Bird No. 1	Somerset	-	-	-	26,186	-	-	26,186	-	164	34	-	2
Kukenberger Coal Co., John	Cambria	-	-	-	496	-	-	496	-	128	2	-	-
Mine No. 1	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Kukenberger Coal Co., Victor	Somerset	-	-	-	26	-	-	26	-	15	2	-	-
Kukenberger (a)	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Lawrence Brothers Coal Co.	Somerset	5,411	-	-	-	-	-	5,411	-	180	3	-	-
Lawrence Brothers	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Meske Coal Co.	Cambria	-	-	-	2,468	-	-	2,468	-	215	6	-	-
Meske	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Mostoller Coal Co., Leonard	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Mostoller (a)	Somerset	-	-	-	229	-	-	229	-	46	2	-	-
Muccioli Coal Co.	Cambria	-	-	-	343	-	-	343	-	83	-	-	-
Muccioli (e)	Cambria	-	-	-	-	-	-	-	-	-	-	-	-

District 7

County	Production of coal and coke - net tons						Total production of coal and coke	Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
	Shipped to market	By rail	By water	By truck	Locally used for domestic purposes	Coal used for heat and power at mine						
Operators and Mines												
Nau Coal Co., Edward Nau	-	-	-	-	1,467	-	-	1,467	-	138	4	-
Park Hill Coal Co. Park Hill (a)	-	-	-	-	310	-	-	310	-	40	3	-
Potochar & Potochar Coal Co. Potochar	5,820	-	-	-	-	-	-	5,820	-	200	2	-
Powell Coal Co., Anson Powell	-	-	-	-	2,419	-	-	2,419	-	121	5	-
Pysnik Coal Co. Pysnik	-	-	-	-	200	-	-	200	-	70	2	-
Richards Coal Co. Richards	2,458	-	-	-	-	-	-	2,458	-	131	3	-
Ripple Coal Co. Ripple	-	-	-	-	563	-	-	563	-	210	6	-
Rose Coal Co., Elmer Rose (a)	-	-	-	-	50	-	-	50	-	20	1	-
Rosey & Putman Coal Co. Rosey & Putman	-	-	-	-	318	-	-	318	-	35	2	-
Salla Coal Co., John Thomas Mill	-	-	-	-	1,820	-	-	1,820	-	160	3	-
Sarlonis Coal Co., Robert Sarlonis (a)	-	-	-	-	170	-	-	170	-	30	2	-
Shank Coal Co., Albon C. Shank	-	-	-	-	1,195	-	-	1,195	-	100	4	-
Shaw Coal Co., Kenneth A. Shaw No. 1 (a)	-	-	-	-	60	-	-	60	-	20	2	-
Shaw No. 2	-	-	-	-	50	-	-	50	-	10	2	-
Total	-	-	-	-	110	-	-	110	-	-	4	-
Stineman Coal & Coke Co. Stineman No. 10	67,506	-	-	135	184	40	-	67,865	-	129	69	2
Telford Coal Co. Solar (a)	19,916	-	-	-	-	-	-	19,916	-	154	15	-
Toth Coal Co., John Toth	-	-	-	-	2,143	-	-	2,143	-	86	7	-
Wain Coal Co. Wain No. 3	-	-	-	-	968	-	-	968	-	142	3	-

District 7

Operators and Mines	County	Production of coal and coke - net tons							No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Coal used		Coal used in		Total produc- tion of coke			
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	manu- facture of coke	tion of coke	Days worked		
Windber High Grade Coal Co.	Cambria	148	-	-	3,664	-	-	3,812	87	15	2
Wyatt No. 7	Somerset	-	-	-	2,271	-	-	2,271	139	5	-
Z. & P. Coal Co.											
Gramling											
District Total		403,255	-	435,278	68,182	198	-	906,913	176	741	19

Production Per Fatal - 906,913

Stripping Production 11,950 - Stripping Employees 6

NOTE: (a) New mines or mines that were not previously reported.

(b) This coal went directly to the Bethlehem Steel Plant by conveyor and was not transported by common carrier.

(c) Was formerly operated as the Knickerbocker No. 4 mine, Wilbur Coal Mining Co.

(d) Operated as the Muccioli mine, Muccioli Coal Co., until June 1960.

(e) Now being operated as the Greathouse mine, Greathouse Coal Co., since August 1960. Employees listed under Greathouse mine.

District 8

A. B. & F. Contracting Corp.											
Terry No. 2 Strip	Centre	-	-	4,951	-	-	-	4,951	227	5	-
Asaph Coal, Inc.											
Gurnee Strip	Tioga	-	-	11,500	2,600	-	-	14,100	210	14	1
Bailey, Robert											
Bailey Nos. 5 & 13 Strips	Clearfield	77,973	-	-	-	-	-	77,973	131	13	1
Banner Coal Co.											
Patsy No. 1 Strip	Clearfield	5,446	-	17,586	-	-	-	23,032	228	8	1
Banner No. 20 Strip	Clearfield	700	-	1,467	-	-	-	2,167	67	5	-
Barnyak, Martin & Phillip											
Barnak No. 1	Clinton	3,436	-	-	-	-	-	25,199	-	13	-
Batschelet, Harry S.											
Batschelet Strip	Clinton	-	-	8,469	-	-	-	8,469	264	7	3
Beaver, Thomas											
Beaver No. 3	Centre	-	-	334	-	-	-	334	89	4	-

District 8[illegible]

District 8

Operators and Mines	County	Production of coal and coke - net tons							Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
		Shipped to market		Coal used		Coal used in		Total production of coal					
		By rail	By water	By trucks	for domestic purposes	for heat & power at mine	used in manufacture of coke						
DePalma Brothers	Centre	-	-	2,009	-	-	-	2,009	-	216	5	-	-
DeHomo Coal Co., John A.	Clearfield	1,599	-	-	-	-	-	1,599	-	8	8	-	-
Ashtland Strip													
Elliot Coal Mining Co., Inc.	Centre	-	-	470	-	-	-	470	-	15	9	-	-
Penn No. 7	Centre	253,250	-	56,054	-	-	-	309,304	-	313	72	-	-
Elliot Ce No. 1 Strip	Clearfield	37,881	-	-	-	-	-	37,881	-	306	10	-	-
Elliot Cl No. 1 Strip		291,131	-	56,524	-	-	-	347,655	-	91	-	-	-
Total													
Emig, John F.	Lycoming	-	-	350	-	-	-	350	-	54	2	-	-
Emig													
Evelyn Coal Co.	Centre	1,294	-	-	-	-	-	1,294	-	20	4	-	-
Fall Brook Coal Mining Co.	Tioga	-	-	9,920	-	-	-	9,920	-	83	4	-	-
South Mountain Strip													
Fink & Son, C. V.	Clinton	91,981	-	-	-	-	-	91,981	-	309	22	-	-
Fink No. 1 Strip	Clinton	49,951	-	-	-	-	-	49,951	-	311	10	-	-
Holmes Strip	Clinton	15,034	-	-	-	-	-	15,034	-	109	9	-	-
Maney Strip		156,966	-	-	-	-	-	156,966	-	41	-	-	-
Total													
Fisher & Smith Coal Operators	Lycoming	-	-	40,152	-	-	-	40,152	-	257	16	-	-
Bucky Run Strip													
Gillen & Son, R. C.	Clinton	-	-	2,765	-	-	-	2,765	-	131	2	-	-
Hock Cabin Strip													
Granville & Walker Coal Co.	Lycoming	3,670	-	350	-	-	-	4,020	-	41	5	-	-
Ralston No. 4 Strip													
Grossman, Nicholas	Clearfield	-	-	685	-	-	-	685	-	170	3	-	-
Grossman													
Guy Coal Co.	Tioga	-	-	4,085	-	-	-	4,085	-	219	4	-	-
Golden Glow Strip													
H. & R. Coal Co.	Centre	-	-	15,186	-	-	-	15,186	-	258	17	-	-
Cook House	Centre	10,475	-	-	-	-	-	10,475	-	252	4	-	-
Cook House Strip		10,475	-	15,186	-	-	-	25,661	-	21	-	-	-
Total													
Hansel Coal Mining Co., S. R.	Clearfield	58,290	-	42,002	886	-	-	101,178	-	310	18	-	-
Hansel No. 4 Strip													

District 8

Operators and Mines	County	Production of coal and coke - nations					Total production of coal and coke	Days of work	No. of employes	Fatal accidents	Non-fatal accidents
		Shipped to market	Coal used locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coke					
		By rail	By water	By truck							
Harbison Walker Refractory Co.	Clearfield	-	-	1,242	-	-	1,242	20	3	-	-
Bigler Strip	Centre	13,500	-	-	-	-	13,500	96	13	-	-
Harchak & Lucas Coal Co.	Centre	-	-	3,715	-	-	3,715	202	5	-	-
Harpster & Son, Harry P.	Clearfield	-	-	3,600	-	-	3,600	275	4	-	-
Harpster	Centre	-	-	12,295	-	-	12,295	264	7	-	1
Hensal & Hensel Coal Co.	Centre	-	-	475	-	-	475	58	4	-	-
Mar-Ann	Centre	-	-	1,309	-	-	1,309	215	2	-	-
Hertlein, Frank T.	Clearfield	-	-	1,290	-	-	1,290	220	3	-	-
Hertlein No. 2 Strip	Clearfield	12,696	-	19,924	-	-	32,620	273	8	-	-
Hoover, John M.	Clearfield	-	-	7,454	-	-	7,454	250	3	-	-
Hoover Nos. 1 & 2	Clearfield	-	-	2,853	-	-	2,853	151	2	-	-
Houdeshell	Clearfield	-	-	978	-	-	978	50	2	-	-
Hunter, Walter	Clearfield	-	-	99,939	-	-	99,939	242	28	-	-
J. & M. Coal Co.	Clearfield	-	-	19,553	-	-	19,553	242	8	-	-
Henderson Strip	Clearfield	-	-	67,352	-	-	67,352	242	22	-	-
Jones & Brague Mining Co.	Clearfield	-	-	198,129	-	-	198,129	65	65	-	-
Smith & Edwards (a)	Clearfield	-	-	439	-	-	439	150	2	-	-
Butler & Davis	Centre	-	-	440	-	-	440	74	3	-	-
Johnson & Carlson	Clearfield	-	-	1,853	-	-	1,853	30	3	-	-
Pine Hill Strip	Clearfield	-	-	16,050	-	-	16,050	275	4	-	-
Martin & Smith Strip	Clearfield	-	-	10,630	-	-	10,630	240	7	-	-
Antrim Strip	Clearfield	-	-	-	-	-	-	-	-	-	-
Juliana Coal Co.	Clearfield	-	-	439	-	-	439	150	2	-	-
Jenny No. 1	Centre	-	-	440	-	-	440	74	3	-	-
K. & S. Coal Co.	Clearfield	-	-	1,853	-	-	1,853	30	3	-	-
Kasab, Casper	Clearfield	-	-	16,050	-	-	16,050	275	4	-	-
Casper Strip	Clearfield	-	-	10,630	-	-	10,630	240	7	-	-
Kasubick Brothers Coal Co.	Clearfield	-	-	-	-	-	-	-	-	-	-
No. 4 Strip	Clearfield	-	-	-	-	-	-	-	-	-	-
Kephart, Doyle & Milford	Clearfield	-	-	-	-	-	-	-	-	-	-
Kephart No. 1	Clearfield	-	-	-	-	-	-	-	-	-	-

Total

District 8

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market	By rail	By water	By truck	for domestic purposes	Coal used locally	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke
Keplart, Doyle & Milford (Cont.)	Clearfield	-	-	-	-	-	-	-	-	10,509	310
Winters Strip	Clearfield	-	-	-	-	-	-	-	-	21,139	10
Total	Clearfield	-	-	-	-	-	-	-	-	10,509	310
Kment Coal Co.	Clinton	-	-	-	-	-	-	-	-	1,633	118
Winkelman	Clinton	-	-	-	-	-	-	-	-	1,633	118
Koshko, Howard M.	Centre	-	-	-	-	-	-	-	-	1,002	168
Koshko	Centre	-	-	-	-	-	-	-	-	1,002	168
Koshko Brothers Coal Co.	Centre	-	-	-	-	-	-	-	-	40,521	267
Thomas Strip	Centre	-	-	-	-	-	-	-	-	40,521	267
Krause Estate, Jay Lee	Centre	-	-	-	-	-	-	-	-	40,521	267
Krause Strip	Centre	-	-	-	-	-	-	-	-	40,521	267
Kristianson & Johnson Coal Co., Inc.	Clearfield	-	-	-	-	-	-	-	-	24,311	311
Osceola Strip	Clearfield	-	-	-	-	-	-	-	-	24,311	311
Munson Strip	Clearfield	83,031	-	-	-	-	-	-	-	85,305	267
Total	Clearfield	104,685	-	-	-	-	-	-	-	107,835	278
Larson & Emanuelson	Clearfield	197,716	-	-	-	-	-	-	-	193,140	30
Viaduct No. 1	Clearfield	3,904	-	-	-	-	-	-	-	3,904	250
Viaduct No. 2	Clearfield	4,005	-	-	-	-	-	-	-	4,005	250
Ogle	Clearfield	3,407	-	-	-	-	-	-	-	3,407	230
Total	Clearfield	11,316	-	-	-	-	-	-	-	11,316	8
Laurel Run Coal Mining Co.	Centre	-	-	-	-	-	-	-	-	4,225	243
Laurel Run	Centre	-	-	-	-	-	-	-	-	4,225	243
Maple Hill Coal Co.	Clearfield	204,532	-	-	-	-	-	-	-	212,738	294
Maple Hill Nos. 2 & 3 Strips	Clearfield	-	-	-	-	-	-	-	-	212,738	294
McHenry & Zimmerman Coal Co.	Clearfield	-	-	-	-	-	-	-	-	1,486	85
Nancy No. 4	Clearfield	-	-	-	-	-	-	-	-	1,486	85
McLaughlin, F. W. & A. P.	Centre	-	-	-	-	-	-	-	-	780	98
McLaughlin	Centre	-	-	-	-	-	-	-	-	780	98
Meyer, G. W. & W. D.	Clearfield	12,249	-	-	-	-	-	-	-	15,178	241
Henderson Strip	Clearfield	7,163	-	-	-	-	-	-	-	7,163	122
Lockett Strip	Clearfield	19,441	-	-	-	-	-	-	-	23,411	31
Total	Clearfield	234,342	-	-	-	-	-	-	-	241,381	363
Milison Coal Mining Co.	Centre	-	-	-	-	-	-	-	-	767	48
Blagel Run	Centre	-	-	-	-	-	-	-	-	767	48
Minds, J. Arthur	Clearfield	-	-	-	-	-	-	-	-	4,781	300
Minds Strip	Clearfield	-	-	-	-	-	-	-	-	4,781	300

District 8

County	Production of coal and coke - net tons						Total production of coke	Days worked	No. of employees	Fatal accidents
	Shipped to market	Coal used locally	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke				
	By rail	By water	By truck	By domestic purposes						
Moore & Son, W. G.	10,010	-	225	95	-	10,330	-	177	8	-
Shirley No. 1 Strip	43,318	-	-	-	-	43,318	-	198	11	-
Oak Grove Coal Co.	6,843	-	-	-	-	6,843	-	28	15	-
Bailey Strip	50,161	-	-	-	-	50,161	-	26	-	-
Thompson Strip										
Total										
Orlando, Dominick										
Orlando No. 2 Strip	1,749	-	-	-	-	1,749	-	45	5	-
Osceola Supply Co.										
Osceola Supply Strip (c)	42,050	-	-	-	-	42,050	-	356	18	3
Padisak, Joseph A.										
Padisak Strip	-	-	17,295	-	-	17,295	-	309	4	2
Patishnock, George										
Patishnock	-	-	931	-	-	931	-	120	1	-
Pedokus, C. J.										
Pedokus	-	-	-	142	-	142	-	50	2	-
Penbrook Contracting Corp.										
Munson Strip	52,854	-	-	-	-	52,854	-	240	10	-
Airport Strip	93,878	-	-	-	-	93,878	-	260	12	-
Mocks Hill Strip	75,201	-	-	-	-	75,201	-	265	10	-
Total	221,933	-	-	-	-	221,933	-	32	-	-
Perival, Paul										
Sand Run Strip	-	-	7,651	-	-	7,651	-	240	4	-
Putman & Greene, Inc.										
Vulcan Nos. 1, 2, 3, 5 & 6 Strips	116,076	-	8,442	938	-	125,456	-	350	56	2
Reed, John										
Reed No. 1	-	-	50	-	-	50	-	100	2	-
Reese Brothers Coal Co.										
Reese	-	-	804	-	-	804	-	126	3	-
Rice Brothers Coal Co.										
Dorothy No. 1 (Brookwood) Strip	150,532	-	-	232	-	150,764	-	201	31	13
Rice Coal Co., Inc., John										
Stoney Fork Strip	-	-	4,444	-	-	4,444	-	35	9	-
River Hill Coal Co.										
German Settlement Strip	-	-	18,135	-	-	18,135	-	240	7	1
Winburne Strip	55,883	-	-	-	-	55,883	-	240	17	-
Total	55,883	-	18,135	-	-	74,018	-	24	-	-

District 8

Operators and Mines		Production of coal and coke - net tons							
	County	Shipped to market :	Coal used locally :	Coal used for heat & power at mine :	Total production of coal :	Total production of coke :	No. of employees :	Fatal accidents :	Non-fatal accidents :
:	:	By rail water :	By truck :	for domestic purposes :	manuf-acture of coke :	of coal :	Days worked :	No. of em-ployees :	Fatal acci-dents :
Thompson & Phillips Clay Co., Inc. (Cont.)									
T. & P. No. 12 Strip	Clearfield	130	-	31,241	-	-	31,373	-	8
Total		130	-	32,333	-	-	32,463	-	15
Turner, Merlin									
Turner	Clearfield	-	-	561	-	-	561	-	2
Turner & Sons, W. K.									
Turner Strip	Clearfield	-	-	3,599	-	-	3,599	-	8
Tutokey, Steve									
Tutokey	Clearfield	-	-	-	98	-	98	-	2
Urbanick, Joseph, Sr.									
Urbanick	Centre	-	-	150	-	-	150	-	1
Vandenbergh, Clarence E.									
Vandenbergh Strip	Clearfield	-	-	36,705	-	-	36,705	-	8
Vaughn Brothers									
Vaughn	Centre	-	-	280	-	-	280	-	2
Vulcan Coal Co.									
Mid Pen No. 5	Clearfield	6,860	-	-	504	3	7,367	-	14
Walker Coal Co., Chas. C.									
Walker No. 2	Centre	-	-	2,144	-	-	2,144	-	5
Waxmunsy, Frank									
Waxmunsy	Centre	-	-	602	-	-	602	-	1
Wertz Coal Co., D. G.									
Westport Strip	Clinton	175,000	-	-	-	-	175,000	-	31
Cleaning Plant	Clinton	-	-	-	-	-	-	-	3
Total		175,000	-	-	-	-	175,000	-	34
Wilkinson, George L.									
Wilkinson	Centre	-	-	1,257	-	-	1,257	-	3
Wilks, Thomas, Jr.									
Imperial No. 12 B	Clearfield	-	-	265	-	-	265	-	2
Wilks Brothers Strip Co.									
Wilks No. 1 Strip	Clearfield	-	-	4,127	-	-	4,127	-	4
Yebernetsky, Metro									
No. 4 Strip	Clearfield	9,811	-	-	-	-	9,811	-	5
District Total		2,040,017	-	974,378	9,960	3	3,024,358	-	54

District 8

Operators and Mines	County	Production of coal and coke - net tons							Fatal acci- dents	Non- fatal acci- dents
		Shipped to market			Coal used					
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	used in manu- facture of coke	Total produc- tion of coal of coke		
Production Per Fatal - No Fatal							888			
Stripping Production 2,883,657 - Stripping Employees										

NOTE: (a) Formerly operated as the J. & B. mine.
(b) The Number 3 strip was formerly operated by Daniel J. Spingola.
(c) Formerly operated by Harchak & Lucas Coal Co.

District 2

Groves, Lundin & Cox, Inc. Groves Co., C. H. Auger (a)	Washington	-	2,854	-	-	-	-	2,854	-	11	10	-
Jones & Laughlin Steel Corp. Vesta No. 4	Washington	-	278,260	-	-	-	-	278,260	-	195	95	-
Vesta No. 5 (b)	Washington	-	1,776,409	-	3,210	998	-	1,780,407	-	195	1,121	-
Vesta-Shannopin Cleaning Plant	Washington	-	-	-	-	-	-	-	-	195	209	-
Total		-	2,054,819	-	3,210	998	-	2,059,067	-	-	1,435	-
Keystone Construction Co. No. 1 Strip	Washington	-	-	1,433	-	-	-	1,433	-	55	3	-
Latrobe Construction Co. Driftwood Strip	Washington	-	20,101	-	1,211	-	-	21,312	-	250	17	-
Republic Steel Corp. Clyde	Washington	-	849,411	-	-	176	-	849,581	-	219	373	1
Clyde Cleaning Plant	Washington	-	849,411	-	-	-	-	-	-	219	32	-
Total		-	849,411	-	-	176	-	849,581	-	-	405	1
United States Steel Corp. Karen	Washington	-	613,066	-	-	-	-	613,066	-	167	212	-
District Total		-	3,571,201	1,433	4,421	1,168	-	3,578,613	-	196	2,072	1

Production Per Fatal - 4,578,613
Stripping Production 2,883,657 - Stripping Employees 888

NOTE: (a) Completed operation during January, 1960.
(b) The bulk of tonnage at this mine was produced by the number of men as shown. However, this amount was reduced to 798 men by a big lay off in November, 1960.

District 10

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used		Coal used in		Total production		Days of coke worked	No. of employees
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	manufacture of coke	of coal	of coke		
Air Way Coal Co.	Cambria	1,099	-	-	265	-	-	1,364	-	234	4
Behe Brothers Coal Co.	Cambria	-	-	707	100	-	-	807	-	225	4
Bethlehem Mines Corp. No. 32	Cambria	587,559	-	98,278	3,962	3,484	-	693,283	-	195	587
No. 32 Cleaning Plant	Cambria	587,559	-	98,278	3,962	3,484	-	693,283	-	195	26
Total											
Candy Bank Coal Co.	Cambria	-	-	-	658	-	-	658	-	91	5
Eastern Gas & Fuel Associates Colver	Cambria	609,293	-	736	6,707	1,933	-	618,669	-	204	262
Colver Cleaning Plant	Cambria	-	-	-	-	-	-	-	-	204	25
Total		609,293	-	736	6,707	1,933	-	618,669	-	287	1
Eger Coal Co.	Cambria	-	-	-	26	-	-	26	-	18	2
Hughes & Co., C. A. Cleaning Plant	Cambria	-	-	-	-	-	-	-	-	231	2
Imperial Coal Corp. Cardiff No. 1	Cambria	55,516	-	2,322	968	-	-	58,806	-	205	28
Cardiff Cleaning Plant	Cambria	55,516	-	2,322	968	-	-	58,806	-	205	3
Total											
Lanzendorfer Trucking Co.	Cambria	-	-	-	-	-	-	-	-	27	2
Mining & Development Partnership Lilly No. 3-A	Cambria	1,251	-	3,324	-	-	-	4,575	-	213	8
New Hope Coal Co.	Cambria	847	-	-	-	-	-	847	-	150	4
Standard Mining Co. Standard No. 1 (a)	Cambria	-	-	-	-	-	-	-	-	115	4
District Total		1,255,565	-	105,367	12,686	5,417	-	1,379,035	-	197	966
										3	41

Production Per Fatal - 459,678

Stripping Production 0 - Stripping Employees 0

NOTE: (a) New operators.

District 11

Operators and Mines	County	Production of coal and coke - net tons										Fatal acci- dents	Non-fatal acci- dents
		Shipped to market	By rail	By water	By truck	locally used for domestic purposes	Coal used for heat & power at mine	Coal used in manu- facture of coke	Total produc- tion of coal	Total produc- tion of coke	Days worked	No. of em- ployes	
Boman Coal Co.	Westmoreland	93,353	-	-	-	-	-	-	93,353	-	193	42	1
Boman Cleaning Plant	Westmoreland	-	-	-	-	-	-	-	-	-	193	1	-
		93,353	-	-	-	-	-	-	93,353	-	43	43	-
Total													
Byrne, Frank F.	Westmoreland	-	-	-	-	1,163	-	-	1,163	-	87	3	-
Marquette Strip	Westmoreland	-	-	-	-	903	-	-	903	-	86	4	-
Corvi, Patsy	Westmoreland	-	-	-	-	337	2	-	339	-	150	2	-
Crusan, Blair L.	Westmoreland	-	-	-	-	-	-	-	-	-	260	3	-
Crusan	Westmoreland	-	-	-	-	-	-	-	-	-	155	3	-
Csanyi Coal Co.	Westmoreland	-	-	-	7,600	-	-	-	7,600	-	60	2	-
Chiney	Westmoreland	-	-	-	-	-	-	-	-	-	102	6	-
Dunlap Coal Co.	Westmoreland	-	-	-	-	1,026	4	-	1,030	-	91	15	-
Dunlap	Westmoreland	-	-	-	-	200	-	-	200	-	300	2	-
Hoyle, Ruth H.	Westmoreland	-	-	-	-	3,050	-	-	3,050	-	105	5	-
Hoyle	Westmoreland	-	-	-	-	-	-	-	-	-	38	4	-
Karazsia Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	-	100	2	-
Karazsia No. 1	Westmoreland	-	-	-	-	-	-	-	-	-	100	2	-
Kenallen Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	-	90	3	-
Carpentertown No. 2	Westmoreland	-	-	-	7,994	-	-	-	7,994	-	160	2	-
Kuhns, John H.	Westmoreland	-	-	-	-	-	-	-	-	-	214	3	-
Latrobe Fuel	Westmoreland	-	-	-	-	2,400	-	-	2,400	-	3	-	-
Laurel Valley Coal Co.	Westmoreland	-	-	-	-	2,025	-	-	2,025	-	105	5	-
Loftogal	Westmoreland	-	-	-	-	1,000	-	-	1,000	-	38	4	-
Lewis Coal & Coke Co.	Westmoreland	-	-	-	-	500	-	-	500	-	100	2	-
Foxtown (a)	Westmoreland	-	-	-	-	617	-	-	617	-	100	2	-
Long, Robert C.	Westmoreland	-	-	-	-	1,000	-	-	1,000	-	90	3	-
Long	Westmoreland	-	-	-	-	2,493	-	-	2,493	-	160	2	-
Losier Brothers Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	-	2	-	-
Losier No. 2	Westmoreland	-	-	-	-	-	-	-	-	-	2	-	-
Lyda Coal & Land Co.	Westmoreland	-	-	-	-	-	-	-	-	-	2	-	-
Graff, Ellis	Westmoreland	-	-	-	-	-	-	-	-	-	2	-	-
Miller, Ellis	Westmoreland	-	-	-	-	-	-	-	-	-	2	-	-
Menohar	Westmoreland	-	-	-	-	-	-	-	-	-	2	-	-
Overy, L. W.	Westmoreland	-	-	-	-	-	-	-	-	-	2	-	-
Mammoth Strip	Westmoreland	-	-	-	10,777	-	-	-	10,777	-	214	3	-

District 11

Operators and Mines	County	Production of coal and coke - net tons						Total production of coke	Total production of coal	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
		Shipped to market	By rail	By water	By truck	locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke					
Ward, Thomas J.	Westmoreland	-	-	-	4,335	-	-	-	4,335	50	5	-	-
Bayus Strip	Westmoreland	-	-	-	-	838	-	-	838	195	2	-	-
Woodward, Leroy	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-
Yack, M. J.	Westmoreland	-	-	-	-	3,363	-	-	3,363	148	3	-	-
Haws Pike	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-
Zufall, Clarence	Westmoreland	-	-	-	-	2,118	-	-	2,118	148	3	-	-
McGiffen	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-
District Total		1,632,428	-	-	102,065	40,401	749	-	1,775,843	173	931	-	26

Production Per Fatal - No Fatal
Stripping Production 38,789 - Stripping Employees 24

NOTE: (a) Formerly operated by Consolidated Carbon Corp.
 (b) Resumed operations during September and changed name of mine from Jamison No. 21 to Hostetter.
 (c) This mine idled November 30 for an indefinite period.
 (d) Formerly Wyatt-Seanoor Coal Co.

District 12

Allegheny River Mining Co.	Jefferson	-	-	-	-	-	-	-	-	95	5	-	-
Ringgold Preparation Plant (a)	Jefferson	-	-	-	-	-	-	-	-	226	2	-	-
Allshouse & Park Coal Co.	Jefferson	-	-	-	-	1,524	-	-	1,524	-	-	-	-
Pifer	Indiana	75,691	-	-	-	-	-	-	75,691	249	36	-	-
Arcadia Co., Inc.	Clearfield	-	-	-	-	352	-	-	352	60	2	-	-
Arcadia Strip	Jefferson	-	-	-	-	2,164	-	-	2,164	233	3	-	-
Bacheller Coal Co.	Jefferson	7,514	-	-	-	-	-	-	7,514	340	5	-	-
Bacheller	Jefferson	6,967	-	-	-	150	-	-	7,117	159	7	-	-
Baldauf Coal Co., John A.	Jefferson	-	-	-	-	-	-	-	-	-	-	-	-
B. & H.	Jefferson	-	-	-	-	-	-	-	-	-	-	-	-
Barlilar Coal Co., Inc.	Jefferson	-	-	-	-	-	-	-	-	-	-	-	-
Sutter Strip	Jefferson	-	-	-	-	-	-	-	-	-	-	-	-
No. 1 Deep	Jefferson	-	-	-	-	-	-	-	-	-	-	-	-
Total		11,431	-	-	-	150	-	-	14,631	-	12	-	-

District 12

Operators and Mines	County	Production of coal and coke - net tons						Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
		By rail	By water	By truck	Locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke					
Baughman Coal Co., R. D.	Jefferson	188,267	-	-	879	-	-	189,146	312	30	-	1
Baughman Strip												
Baun Coal Co.	Indiana	6,391	-	-	205	-	-	6,596	200	4	-	1
Beckman, E. C.												
Beckman Strip	Jefferson	-	-	-	471	-	-	471	47	2	-	-
Beckman, R. A.												
No. 6	Jefferson	-	-	-	559	-	-	559	67	2	-	-
Big Run Coal Co.												
Way No. 1 Strip	Clearfield	3,620	-	-	-	-	-	3,620	24	4	-	-
Bloom Brothers	Clearfield	-	-	800	-	-	-	1,040	110	2	-	-
Brockwalter Brothers Coal Co.												
Hazlett Strip	Clearfield	3,904	-	-	-	-	-	3,904	37	6	-	-
Brady, Edward												
Brady	Indiana	-	-	-	450	-	-	450	60	1	-	-
Brillhart Coal Co.												
Brillhart	Indiana	-	-	-	600	-	-	600	100	3	-	-
Brumbaugh Brothers Coal Co.												
Strip (b)	Jefferson	1,780	-	-	-	-	-	1,780	66	2	-	-
Burba, Michael M.												
Burba No. 2	Indiana	-	-	574	486	5	-	1,065	125	2	-	-
Burns Coal Co., F. C.												
Richards	Indiana	2,573	-	-	-	-	-	2,573	300	4	-	-
Shields	Indiana	3,262	-	-	-	-	-	3,262	300	2	-	-
Total		5,835	-	-	-	-	-	5,835	-	6	-	-
Caltagarone Brothers Coal Co.												
Caltagarone Strip	Jefferson	2,612	-	-	-	-	-	2,612	42	5	-	-
Cardamone Coal Co.												
No. 1	Indiana	2,187	-	-	-	-	-	2,187	156	3	-	-
Carlson Coal Co., K. C.												
Calderwood	Indiana	-	-	1,749	-	-	-	1,749	172	3	-	-
Catalano Coal Co., Camela												
No. 2	Indiana	1,617	-	-	291	-	-	1,908	208	3	-	-
Cessna Coal Co.												
Cessna	Indiana	9,436	-	-	780	-	-	10,216	210	4	-	-

District 12

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used		Coal used in		Total		Total	
		By rail	By water	By trucks	locally for domestic purposes	used for heat & power at mine	used in manufacture of coke	production of coal	production of coke	Days worked	No. of employees
DeFelco, Joseph	Clearfield	-	-	-	151	-	-	151	-	30	1
DeFelice & Dinger Coal Co.	Jefferson	-	-	-	100	-	-	100	-	30	2
Dinger, Harold	Jefferson	-	-	-	300	-	-	300	-	60	1
Doverspike Brothers Coal Co.	Jefferson	29,563	-	-	-	-	-	29,563	-	186	13
No. 3	Jefferson	35,188	-	-	-	-	-	35,188	-	284	14
East Branch Equipment Co.	Jefferson	38,505	-	-	300	-	-	38,805	-	126	16
Engleman, Charles	Jefferson	8,158	-	-	62	-	-	8,220	-	241	5
Bath Strip	Jefferson	-	-	-	779	-	-	779	-	120	4
Fairview Coal Co.	Indiana	-	-	1,075	-	-	-	1,075	-	170	5
No. 5	Indiana	-	-	-	57	-	-	57	-	20	4
Fenstermaker Coal Co.	Clearfield	-	-	1,671	-	-	-	1,671	-	120	4
Fenstermaker	Indiana	-	-	-	207	-	-	207	-	50	1
Fetterman Coal Co.	Clearfield	-	-	-	52	-	-	52	-	22	1
Graham No. 12	Jefferson	1,120	-	-	-	-	-	1,120	-	140	3
Fleming & Sons, E. F.	Jefferson	3,484	-	-	700	-	-	4,184	-	189	8
Savan No. 1	Indiana	800	-	-	-	-	-	800	-	150	1
Flynn Brothers Coal Co.	Jefferson	2,000	-	-	-	-	-	2,000	-	200	2
No. 1	Jefferson	76,817	-	-	-	-	-	76,817	-	303	14
Freno, Andrew	Jefferson	-	-	-	-	-	-	-	-	-	-
Frye, M. A.	Jefferson	-	-	-	-	-	-	-	-	-	-
Frye	Jefferson	-	-	-	-	-	-	-	-	-	-
Garzoni, C. A.	Jefferson	-	-	-	-	-	-	-	-	-	-
Garzoni No. 1	Jefferson	-	-	-	-	-	-	-	-	-	-
Garzoni & Sons Coal Co.	Jefferson	-	-	-	-	-	-	-	-	-	-
Swede	Indiana	-	-	-	-	-	-	-	-	-	-
Gaston, Glen	Indiana	-	-	-	-	-	-	-	-	-	-
No. 1	Indiana	-	-	-	-	-	-	-	-	-	-
Gearhart Coal Co.	Jefferson	-	-	-	-	-	-	-	-	-	-
No. 1	Jefferson	-	-	-	-	-	-	-	-	-	-
Glenn, W. Paul	Jefferson	-	-	-	-	-	-	-	-	-	-
Glenn Strip	Jefferson	-	-	-	-	-	-	-	-	-	-

District 12

Operators and Mines	County	Production of coal and coke - net tons							Fatal acci- dents	No. of em- ployes	Non- fatal acci- dents
		Shipped to market	By rail	By water	By truck	Locally used for domestic purposes	Coal used for heat & power at mine	Coal used in manu- facture of coke			
Lydic, Jesse	Indiana	-	-	-	-	75	-	-	-	25	1
Lydic	Indiana	-	-	-	-	-	-	-	-	-	-
Matthews Coal Co., Inc.	Clearfield	21,934	-	-	6,589	-	-	-	-	86	15
Matthews Strip	Clearfield	-	-	-	-	2,547	-	-	-	141	6
Mauer Coal Co.	Jefferson	3,331	-	-	-	-	-	-	-	174	2
Susquehanna No. 2	Jefferson	-	-	-	-	128	-	-	-	45	1
Maxim Coal Co.	Jefferson	-	-	-	-	1,224	-	-	-	202	2
Maxim Strip (d)	Clearfield	-	-	-	-	1,117	-	-	-	105	3
Miller, Fred	Indiana	72,345	-	-	-	-	-	-	-	308	14
Boucher	Indiana	-	-	-	-	-	-	-	-	-	-
Miller Coal Co., Howard	Indiana	2,656	-	-	-	408	-	-	-	234	4
Cahagen	Jefferson	21,546	-	-	-	-	-	-	-	221	5
Mills, William	Jefferson	2,360	-	-	-	-	-	-	-	100	3
Shuckers	Indiana	2,000	-	-	-	127	-	-	-	160	2
Monnie, S. C.	Indiana	-	-	-	-	115	-	-	-	81	1
Monnie Strip	Jefferson	2,053	-	-	-	-	-	-	-	235	3
Monoskey, Peter	Indiana	67,804	-	-	-	-	-	-	-	226	30
Monoskey	Indiana	7,936	-	-	-	-	-	-	-	68	10
Moore Coal Co., Everett	Indiana	6,030	-	-	-	-	-	-	-	234	5
Moore Strips	Indiana	81,770	-	-	-	-	-	-	-	-	-
Murone Coal Co., Agnes	Indiana	-	-	-	-	-	-	-	-	-	-
Murone	Indiana	-	-	-	-	-	-	-	-	-	-
Neal Brothers Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-
No. 2	Indiana	-	-	-	-	-	-	-	-	-	-
Neely, David M.	Indiana	-	-	-	-	-	-	-	-	-	-
Neely	Indiana	-	-	-	-	-	-	-	-	-	-
Orf Coal Co., Leon E.	Indiana	-	-	-	-	-	-	-	-	-	-
No. 5	Indiana	-	-	-	-	-	-	-	-	-	-
P. & N. Coal Co., Inc.	Indiana	-	-	-	-	-	-	-	-	-	-
P. & N. Strip	Indiana	-	-	-	-	-	-	-	-	-	-
Big Run Strip	Indiana	-	-	-	-	-	-	-	-	-	-
C-B-C No. 1	Indiana	-	-	-	-	-	-	-	-	-	-
Petes Coal Co., John	Indiana	-	-	-	-	-	-	-	-	-	-
Wilmoth	Indiana	-	-	-	-	-	-	-	-	-	-
Pennington, Archie	Indiana	-	-	-	-	-	-	-	-	-	-
Pennington	Indiana	-	-	-	-	-	-	-	-	-	-
Total											

District 12

Operators and Mines	County	Production of coal and coke - net tons													
		Shipped to market		Coal used locally		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal	Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
		By rail	By water	By truck	for domestic purposes	for heat & power	at mine	of coke	of coal	of coke	of coke	of coke	of coke	of coke	of coke
Penn State Coal Co.	Clearfield	29,450	-	-	-	-	-	-	29,450	-	-	-	100	10	-
Piekielek Coal Co., Julia E. Rudy No. 2	Jefferson	-	-	-	371	-	-	-	371	-	-	-	100	2	-
Pierce Coal Co., Anna Hilliard (e)	Jefferson	1,500	-	-	-	-	-	-	1,500	-	-	-	90	4	-
Purchase Line Mining Co., Inc. No. 1 Strip	Indiana	21,526	-	-	-	-	-	-	21,526	-	-	-	153	9	1
Auger	Indiana	8,486	-	-	-	-	-	-	8,486	-	-	-	80	3	1
Total		30,012	-	-	-	-	-	-	30,012	-	-	-	-	12	2
Rainey Coal Co.	Clearfield	18,293	-	-	174	-	-	-	18,467	-	-	-	146	4	-
Rainey Strip	Jefferson	4,275	-	-	-	-	-	-	4,275	-	-	-	24	4	-
Fermont Strip		22,568	-	-	174	-	-	-	22,742	-	-	-	-	8	-
Total															
Ramseytown Coal Co.															
Cheryl Ann	Jefferson	1,000	-	-	-	-	-	-	1,000	-	-	62	7	1	-
Red Gap Coal Co.															
Red Gap Strip	Indiana	10,734	-	-	-	-	-	-	10,734	-	-	276	8	-	-
Reesman & Powell Coal Co. No. 1	Jefferson	-	-	-	446	-	-	-	446	-	-	95	2	-	-
Riddle Brothers Coal Co. Riddle	Clearfield	-	-	-	418	-	-	-	418	-	-	68	3	-	-
Riddle Coal Co., George Miller No. 1	Clearfield	-	-	-	950	-	-	-	950	-	-	80	2	-	-
Ryan Brothers Coal Co. Miller No. 1															
Curry Run No. 2 Strip	Clearfield	1,151	-	-	-	-	-	-	1,151	-	-	38	3	-	-
S. & I. Coal Co. Stratiff Strip	Jefferson	636	-	-	400	-	-	-	1,036	-	-	37	2	-	-
Shaffer Coal Co., R. L. No. 9	Jefferson	-	-	-	578	-	-	-	578	-	-	171	5	-	-
Shema, John	Jefferson	-	-	-	150	-	-	-	150	-	-	50	1	-	-
Shlock, Carl	Jefferson	-	-	-	350	-	-	-	350	-	-	150	1	-	-
Shlock															
Smith, Percy No. 1	Jefferson	-	-	-	629	-	-	-	629	-	-	273	2	-	-

District 12

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market	Coal used locally	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
		By rail	By water	By truck	By domestic purposes						
Smith Coal Co., John	Indiana	-	-	-	623	-	623	-	96	5	-
Smith Coal Co., Lynn	Indiana	-	-	-	930	-	930	-	150	3	-
Smocheck, Chester A. No. 2	Clearfield	-	-	-	1,687	-	1,687	-	151	3	-
Snyder Coal Co., H. C. Snyder No. 1	Jefferson	648	-	-	-	-	648	-	77	2	-
Snyder Coal Co., Russell Snyder	Jefferson	3,303	-	-	600	-	3,903	-	167	5	-
Soltis & Sons Coal Co., George Soltis	Indiana	-	-	-	285	-	285	-	95	1	-
Spader Coal Co. No. 8	Jefferson	1,130	-	-	-	-	1,130	-	130	8	-
Spencer Coal Co., H. F. No. 1	Jefferson	17,216	-	-	-	-	17,216	-	230	9	-
No. 2	Jefferson	677	-	-	-	-	677	-	98	2	-
Total		17,893	-	-	-	-	17,893	-	11	-	-
Spencer & Mauk Coal Co. Mauer	Jefferson	21,427	-	-	-	-	21,427	-	211	19	1
Stahlman Coal Co., Inc., W. P. No. 1 Strip	Jefferson	51,432	-	-	1,780	80	53,292	-	307	10	-
No. 2 Strip	Jefferson	8,026	-	-	-	-	8,026	-	40	-	-
No. 3 Strip	Jefferson	23,949	-	-	-	-	23,949	-	134	-	-
Total		83,407	-	-	1,780	30	85,267	-	10	-	-
Stiver, Lummerson No. 1	Indiana	-	-	-	172	-	172	-	25	3	-
Stoker Coal Co., Irvan Trojan	Indiana	3,181	-	-	-	-	3,181	-	74	14	-
Thomas, L. E. No. 1	Jefferson	-	-	-	746	-	746	-	157	2	-
Thomas Brothers Coal Co. Thomas No. 7 Strip	Jefferson	5,780	-	-	-	-	5,780	-	22	2	-
Wetzell-Swope Strip	Clearfield	670	-	-	-	-	670	-	20	2	-
Total		6,450	-	-	-	-	6,450	-	4	-	-

District 12

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used locally for heat & power at mine		Coal used in manufacture of coke		Total production of coal		Total production of coke	
		By rail	By water	By truck	By domestic purposes	for heat & power	used in manufacture	of coal	of coke	Days worked	No. of employees
Thomas Coal Co., Clarence Way Strip	Clearfield	12,239	-	-	-	-	-	12,239	-	126	3
Thomas No. 1 Strip	Clearfield	9,328	-	-	-	-	-	9,328	-	50	2
Total		21,567	-	-	-	-	-	21,567	-	-	5
Thomas Coal Co., H. S. Timblin Coal Co.	Clearfield	390	-	-	-	-	-	390	-	40	3
Auger	Jefferson	1,450	-	-	-	-	-	1,450	-	29	3
Torrell Coal Co., Mary	Jefferson	3,474	-	-	-	-	-	3,474	-	240	4
Toth Coal Co., Steve	Jefferson	2,105	-	-	-	-	-	2,105	-	330	3
No. 1	Clearfield	-	-	-	1,110	-	-	1,110	-	140	2
Turnbull-Hilliard	Jefferson	-	-	-	200	-	-	200	-	50	2
Verbka Coal Co.	Jefferson	-	-	-	973	-	-	973	-	153	2
Staley	Jefferson	-	-	-	-	-	-	-	-	-	-
West Coal Co.	Jefferson	-	-	-	-	-	-	-	-	-	-
No. 3	Jefferson	-	-	-	-	-	-	-	-	-	-
Worthville Coal Co.	Jefferson	-	-	-	-	-	-	-	-	-	-
Pheasant Hollow	Jefferson	2,775	-	-	-	-	-	2,775	-	129	4
District Total		1,352,678	-	12,453	36,431	145	-	1,401,712	-	190	708
											15

Production Per Fatal - 1,401,712
 Stripping Production 1,114,569 - Stripping Employees 350

- NOTE: (a) No production of coal. All coal shipped was mined in prior years.
 (b) Ceased operation during May, 1960.
 (c) Hilliard mine ceased operation during August, 1960. Mine leased to Anna Pierce Coal Co.
 (d) Maxim Coal Co. ceased stripping during August, 1960. Krach & Gearhart Coal Co. leased mine.
 (e) Anna Pierce Coal Co. acquired lease on Hilliard mine August, 1960.

District 13

Operators and Mines	County	Production of coal and coke - net tons													
		Shipped to market		Coal used locally for heat & power at mine		Coal used in manufacture of coke		Total production of coal		Total production of coke		Days worked	No. of employees	Fatal accidents	Non-fatal accidents
		By rail	By water	By truck	for domestic purposes	Coal used locally for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke	Days worked	No. of employees				
Buckeye Coal Co., The	Greene	-	790,104	1,172	2,790	1,934	-	796,000	-	117	463	-	11		
Nemacolin	Greene	-	-	-	-	-	-	-	-	-	-	-	-		
Nemacolin Cleaning Plant		-	790,104	1,172	2,790	1,934	-	796,000	-	117	43	-	11		
Total		-	-	-	-	-	-	-	-	-	-	-	-		
Cosgray Coal Co.	Greene	-	-	-	1,780	12	-	1,792	-	206	4	-	-		
Cosgray No. 2		-	-	-	-	-	-	-	-	-	-	-	-		
Emerald Coal & Coke Co.	Greene	1,138	736,699	-	-	-	-	737,837	-	179	367	-	15		
Emerald	Greene	-	-	-	-	-	-	-	-	179	18	-	-		
Emerald Cleaning Plant		-	-	-	-	-	-	-	-	-	-	-	-		
Total		1,138	736,699	-	-	-	-	737,837	-	355	385	-	15		
Harvey, Daniel B. watters (a)	Greene	-	-	-	236	-	-	236	-	176	3	-	-		
Jankey, John W.	Greene	-	-	822	-	-	-	822	-	30	2	-	-		
Hovanchak Strip (a)		-	-	-	-	-	-	-	-	-	-	-	-		
Malinsky, Carl	Greene	-	-	-	300	-	-	300	-	70	4	-	-		
Hartley (a)		-	-	-	-	-	-	-	-	-	-	-	-		
Montgomery, Lewis	Greene	-	-	-	575	4	-	579	-	300	4	-	-		
County		-	-	-	-	-	-	-	-	-	-	-	-		
P. & A. Coal Co.	Greene	-	-	-	2,097	-	-	2,097	-	103	8	-	-		
Ethel (b)		-	-	-	-	-	-	-	-	-	-	-	-		
Pickands, Mather & Co.	Greene	895,677	-	-	1,805	1,068	-	898,550	-	228	400	-	8		
Mather	Greene	-	-	-	-	-	-	-	-	228	50	-	-		
Mather Cleaning Plant		-	-	-	-	-	-	-	-	-	-	-	-		
Total		895,677	-	-	1,805	1,068	-	898,550	-	450	450	-	8		
Rattigan Coal Co.	Greene	-	-	-	400	-	-	400	-	100	3	-	-		
Rattigan		-	-	-	-	-	-	-	-	-	-	-	-		
Samac Coal Co.	Greene	-	-	-	400	-	-	400	-	100	3	-	-		
Samac (a)		-	-	-	-	-	-	-	-	-	-	-	-		
Tyrol Coal Co.	Greene	-	-	-	1,230	20	-	1,250	-	48	- (e)	-	-		
Ethel (d)		-	-	-	-	-	-	-	-	-	-	-	-		
United States Steel Corp.	Greene	-	911,323	1	-	707	-	912,031	-	166	599	-	4		
Robena No. 1	Greene	-	1,350,370	1	-	1,087	-	1,351,458	-	166	428	-	4		
Robena No. 2	Greene	-	1,564,137	2	-	1,218	-	1,565,557	-	166	660	-	6		
Robena No. 3	Greene	-	-	-	-	-	-	-	-	166	170	-	-		
Robena Cleaning Plant & Slope	Greene	-	3,926,030	4	-	3,012	-	3,898,046	-	-	1,857	-	14		
Total		-	-	-	-	-	-	-	-	-	-	-	-		
Vernie's Coal Co.	Greene	-	-	-	200	-	-	200	-	55	4	-	-		
Vernie (a)		-	-	-	-	-	-	-	-	-	-	-	-		

District 14

Operators and Mines	County	Production of coal and coke - net tons										No. of em- ployes	Days worked	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market	By rail	By water	By truck	By domestic purposes	Coal used for heat & power at mine	Coal used in manu- facture of coke	Total produc- tion of coal	Total produc- tion of coke	Total produc- tion				
Harnai Coal Co.	Allegheny	-	-	869,460	-	-	-	-	869,460	-	-	250	219	-	11
Harnar	Armstrong	-	-	-	220	1,685	-	-	1,905	-	-	4	127	-	-
Kaskan Coal Co.	Allegheny	-	-	-	-	14,680	-	-	14,680	-	-	13	211	-	2
George Kaskan	Allegheny	38,967	-	-	-	-	-	-	38,967	-	-	20	124	-	1
Kolen Coal Co.	Armstrong	197,196	-	-	-	-	-	-	197,196	-	-	93	150	1	4
Leechburg Mining Co.		236,163	-	-	-	-	-	-	236,163	-	-	103	-	1	5
Avenue															
Foster No. 65															
Total															
Marco Coal Co.	Westmoreland	11,200	-	25,210	7,560	-	-	-	43,970	-	-	25	125	-	3
Marco No. 3 Strip	Armstrong	33,400	-	89,060	5,280	-	-	-	127,740	-	-	13	221	-	3
Total		44,600	-	114,270	12,840	-	-	-	171,710	-	-	38	-	-	6
Mateer Coal Co.	Allegheny	-	-	9,905	-	-	-	-	9,905	-	-	7	153	1	-
Mateer No. 4	Allegheny	-	-	-	3,799	-	-	-	3,799	-	-	6	150	-	-
Millerstown Coal Co.	Westmoreland	-	-	-	1,200	-	-	-	1,200	-	-	4	120	-	-
Montenari Coal Co., V.	Armstrong	-	-	4,190	-	-	-	-	4,190	-	-	2	122	-	-
Matta (d)															
Orlowski Coal Co.	Westmoreland	-	-	-	470	-	-	-	470	-	-	2	120	-	-
Orlowski Auger (e)	Westmoreland	-	-	-	1,275	-	-	-	1,275	-	-	6	137	-	1
Owens Coal Co.	Allegheny	-	-	5,984	1,000	-	-	-	6,984	-	-	8	158	-	1
Todd Owens	Allegheny	-	-	2,660	-	-	-	-	2,660	-	-	6	106	-	-
Venturini Brothers Coal Co., Inc.															
Venturini															
Wood Coal Co.															
Wood															
Wood Strip															
Total															
District Total		807,013	869,460	189,893	45,713	426	-	-	1,912,510	-	-	726	190	2	34

Production Per Fatal - 936.255
Stripping Production 139,061 - Stripping Employees 26

District 14

Production of coal and coke - net tons

[illegible]

District 15

[illegible]

District 15

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coke worked	Days of employes
		By rail	By water	By truck	locally for domestic purposes	By truck	at mine	of coke	of coal		
Gerankoski Coal Co.	Cambria	-	-	-	438	-	-	-	438	-	210
Chest Creek Coal Co.	Cambria	11,220	-	-	-	-	-	-	11,220	-	167
Chest Creek No. 1	Cambria	400	-	-	-	-	-	-	400	-	91
No. 4 Strip	Cambria	11,620	-	-	-	-	-	-	11,620	-	12
Total											
Coal Enterprises, Inc.	Cambria	2,080	-	-	-	-	-	-	2,080	-	65
No. 2	Cambria	-	-	-	-	-	-	-	-	-	12
Cronauer & Holtz Coal Co.	Cambria	-	-	-	1,000	-	-	-	1,000	-	125
Becker	Cambria	-	-	-	-	-	-	-	-	-	2
Cymbria Fuel Co., Inc.	Cambria	5,037	-	-	-	-	-	-	5,037	-	71
Butterworth Strip	Cambria	-	-	-	-	-	-	-	-	-	8
Duclos & McQuillen Coal Co.	Cambria	-	-	-	445	-	-	-	445	-	34
No. 33	Cambria	-	-	-	-	-	-	-	-	-	4
Duriez Coal Co.	Cambria	2,963	-	-	-	-	-	-	2,963	-	150
No. 3	Cambria	-	-	-	-	-	-	-	-	-	8
Ethel Coal Co.	Cambria	-	-	-	154	-	-	-	154	-	40
Cunningham	Cambria	-	-	-	-	-	-	-	-	-	2
Fisanich Coal Co.	Cambria	-	-	-	821	-	-	-	821	-	150
Becker	Cambria	-	-	-	-	-	-	-	-	-	2
Forneck Coal Co.	Cambria	-	-	-	228	-	-	-	228	-	120
Forneck	Cambria	-	-	-	-	-	-	-	-	-	1
G. & H. Coal Co.	Cambria	-	-	-	309	-	-	-	309	-	44
Bearer	Cambria	-	-	-	-	-	-	-	-	-	2
Garay Coal Co.	Cambria	-	-	-	905	-	-	-	905	-	200
Garay	Cambria	-	-	-	-	-	-	-	-	-	2
Goodwill Coal Co.	Cambria	-	-	-	200	-	-	-	200	-	180
Winters	Cambria	-	-	-	-	-	-	-	-	-	2
Gray Coal Co.	Cambria	-	-	-	377	-	-	-	377	-	117
Gray	Cambria	-	-	-	-	-	-	-	-	-	1
Hannigan Coal Co.	Cambria	72	-	-	100	-	-	-	172	-	25
Hibbs	Cambria	-	-	-	-	-	-	-	-	-	5
Haseltine Coal Co.	Cambria	-	-	-	15	-	-	-	15	-	15
Haseltine	Cambria	-	-	-	-	-	-	-	-	-	1
Hastings Coal Co., Inc.	Cambria	2,064	-	-	-	-	-	-	2,064	-	87
Lanark No. 1	Cambria	-	-	-	-	-	-	-	-	-	5
Hill Top Coal Co.	Cambria	-	-	-	394	-	-	-	394	-	102
Lydic	Cambria	-	-	-	-	-	-	-	-	-	2
Hill Top Coal Co.	Cambria	-	-	330	430	-	-	-	760	-	112
Shevock	Cambria	-	-	-	-	-	-	-	-	-	4

District 15

Operators and Mines	County	Production of coal and coke - net tons											
		Shipped to market		Coal used locally		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal	Total production of coke		
		By rail	By water	By truck	for domestic purposes	used for heat & power at mine	used in manufacture of coke	Total production of coal	Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
North Cambria Fuel Co.	Cambria	72,505	-	-	-	-	-	72,505	-	212	22	-	1
North Cambria Strip	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Panaro Brothers Coal Co.	Cambria	-	-	-	1,456	-	-	1,456	-	144	2	-	-
Patton Clay Manufacturing Co.	Cambria	-	-	-	13,118	-	-	13,118	-	126	24	-	1
Patton Clay Manufacturing Co. No. 1	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Patton Clay Manufacturing Co. No. 1	Cambria	-	-	-	900	-	-	900	-	50	12	-	-
Petes Brother Coal Co.	Cambria	3,953	-	-	-	-	-	3,953	-	131	2	-	-
Petes Strip	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Pershing Coal Co.	Cambria	-	-	-	150	-	-	150	-	75	2	-	-
Pershing	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Press Coal Co.	Cambria	150	-	-	-	-	-	200	-	20	3	-	-
Presto Coal Co.	Cambria	-	-	-	50	-	-	-	-	-	-	-	-
Presto	Cambria	-	-	-	140	-	-	140	-	32	3	-	-
R. & S. Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Rummel	Cambria	-	-	-	133	-	-	133	-	25	1	-	-
Revak Coal Co.	Cambria	-	-	-	30	-	-	30	-	20	1	-	-
Revak	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Rich Hill Coal Mining Co.	Cambria	163,043	-	-	542	-	-	163,625	-	215	91	-	8
No. 4	Cambria	39,287	-	-	-	-	-	39,287	-	215	20	-	-
No. 5	Cambria	202,470	-	-	542	-	-	202,912	-	-	111	-	-
Total													
Rounsley Coal Co.	Cambria	-	-	1,384	-	-	-	1,384	-	180	3	-	-
No. 2	Cambria	-	-	695	-	-	-	695	-	45	2	-	-
Shero & Dunn Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Strip	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Shilling Coal Co.	Cambria	-	-	-	175	-	-	175	-	90	2	-	-
Shilling	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Slant Coal Co.	Cambria	3,622	-	-	-	-	-	3,622	-	145	5	-	-
Lanark No. 1	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Sponsky Coal Co.	Cambria	-	-	-	2,000	-	-	2,000	-	180	3	-	-
Sponsky	Cambria	-	-	-	-	-	-	-	-	-	-	-	-
Sterling Coal Co.	Cambria	238,351	-	-	-	-	-	238,351	-	198	105	-	7
Sterling No. 1	Cambria	-	-	-	-	-	-	-	-	-	-	-	-

District 16

Production of coal and coke - net tons

Operators and Mines	County	Shipped to market		Coal used		Coal used for heat & power at mine	Coal manu- facture of coke	Total produc- tion of coal	Total produc- tion of coke	Days worked	No. of em- ployes	Fatal acci- dents	Non-fatal acci- dents
		By rail	By water	By truck	locally for domestic purposes								
Bridgeview Coal Co.	Fayette	-	10,271	23,938	-	-	-	34,209	-	156	4	-	-
Crystal-Geneva Strip	Fayette	-	-	12,640	-	-	-	12,640	-	31	3	-	1
Sapper Strip	Fayette	-	20,238	15,627	-	-	-	35,865	-	149	4	-	-
Donald No. 2 Cleaning Plant	Fayette	-	-	-	-	-	-	-	-	90	3	-	-
Total		-	30,509	52,205	-	-	-	82,714	-	-	14	-	1
Bumble Bee Coal Co.													
Love No. 5	Fayette	-	-	7,020	-	-	-	7,020	-	176	13	-	-
Love No. 6	Fayette	-	-	687	-	-	-	687	-	88	7	-	-
Love No. 7	Fayette	-	-	539	-	-	-	539	-	44	8	-	-
Love No. 8	Fayette	-	-	384	-	-	-	384	-	30	7	-	-
Love No. 9	Fayette	-	-	584	-	-	-	584	-	44	8	-	-
Total		-	-	9,214	-	-	-	9,214	-	-	43	-	-
Cloverdale Coal Co.													
Griffin No. 2	Fayette	-	-	400	-	-	-	400	-	60	2	-	-
Crucible Steel Co. of America													
Crucible	Greene	-	261,804	-	2,836	647	-	265,287	-	117	81	-	2
Crucible Cleaning Plant	Greene	-	261,804	-	2,836	647	-	265,287	-	117	91	-	2
Total		-	-	-	-	-	-	-	-	-	-	-	-
Dulik Coal Co.													
Erminio No. 1	Fayette	-	-	-	876	-	-	876	-	63	5	-	-
Dunham Coal Co.													
Campbell (a)	Fayette	-	-	-	160	-	-	160	-	20	1	-	-
Eberly Coal & Coke Co.													
Oliver No. 2 (b)	Fayette	-	-	-	774	-	38,448	39,222	73,649	167	54	-	5
F. & M. Coal Co.													
Sapper	Fayette	-	-	-	4,610	-	-	4,610	-	110	14	-	-
Farm Coal Co.													
Hume	Fayette	-	-	76,351	179	-	-	76,530	-	197	34	-	7
Fields Coal Co.													
Donald	Fayette	-	-	940	-	-	-	940	-	47	4	-	-
Genovese Coal Co.													
Stark Strip	Fayette	-	-	41,479	-	-	-	41,479	-	184	7	-	-
Greenhill Coal Co.													
Greenhill	Fayette	-	-	814	-	-	-	814	-	75	4	-	-
H. & F. Coal Co.													
H. & F.	Fayette	-	-	2,423	-	-	-	2,423	-	150	3	-	-

District 17

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used locally for domestic truck purposes		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal of coke	Total production of coke
		By rail	By water	By truck	By domestic	for heat & power at mine	used in manufacture of coke	of coke	of coke		
Heneckel Construction Co.	Fayette	-	-	2,256	-	-	-	-	-	3,256	-
Anisley Strip	Fayette	-	-	4,501	-	-	-	-	-	4,501	-
Guseman Strip	Fayette	-	-	5,138	-	-	-	-	-	5,138	-
Miller Strip	Fayette	-	-	12,895	-	-	-	-	-	12,895	-
Total											
Holly Coal Co.	Fayette	2,400	-	2,046	-	-	-	-	-	4,446	-
Dills Strip	Fayette	-	-	-	-	-	-	-	-	-	-
King Coal Co.	Fayette	5,677	-	-	46	-	-	-	-	5,723	-
Korona Brothers Coal Co.	Fayette	-	-	16,200	-	-	-	-	-	16,200	-
Oilphant	Fayette	-	-	-	-	-	-	-	-	-	-
Leckrone Coal & Coke Co.	Fayette	-	-	17,471	-	-	-	-	-	17,471	-
Mount Sterling	Fayette	-	-	-	-	-	-	-	-	-	-
Lingo & Clemerer	Fayette	-	-	1,250	-	-	-	-	-	1,250	-
Burchinal	Fayette	-	-	-	-	-	-	-	-	-	-
Lowery Coal Co.	Fayette	-	-	3,711	-	-	-	-	-	3,711	-
Craig No. 1 Strip	Fayette	-	-	-	-	-	-	-	-	-	-
Malinsky Coal Co.	Fayette	-	-	1,000	-	-	-	-	-	1,000	-
Malinsky	Fayette	-	-	-	-	-	-	-	-	-	-
Marsolino Construction Co.	Fayette	-	-	412	-	-	-	-	-	412	-
Brownfield	Fayette	-	-	243	-	-	-	-	-	243	-
Martelli Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	-
Martelli (c)	Fayette	-	-	-	-	-	-	-	-	-	-
McCusker Brothers	Fayette	-	-	-	-	-	-	-	-	-	-
Stewart	Fayette	-	-	-	-	-	-	-	-	-	-
Menallen Coke Co.	Fayette	-	-	-	1,839	-	-	-	-	1,839	-
Kyle No. 1 Strip	Fayette	-	-	7,647	-	-	-	-	-	7,647	-
Kyle No. 2 Strip	Fayette	-	-	5,631	-	-	-	-	-	5,631	-
Total											
Merryman, H. J.	Fayette	-	-	459	-	-	-	-	-	459	-
Carroll	Fayette	-	-	-	-	-	-	-	-	-	-
Miller, Edward C.	Fayette	12,600	-	-	-	-	-	-	-	12,600	-
Miller Strip	Fayette	-	-	-	-	-	-	-	-	-	-
Miller Coal Co., John	Fayette	3,000	-	-	-	-	-	-	-	3,000	-
Taylor No. 2	Fayette	-	-	-	-	-	-	-	-	-	-
Miller Coal Co., Joseph A.	Fayette	2,544	-	-	-	-	-	-	-	2,544	-
Miller	Fayette	-	-	-	-	-	-	-	-	-	-

Non-fatal
accidentsFatal
accidentsDays
workedNo. of
employeesTotal
productionTotal
production

District 16

		Production of coal and coke - net tons									
Operators and Mines	County	Shipped to market		Coal used locally		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal and coke	Total production of coke
		By rail	By water	By truck	By domestic purposes						
Phillips Coal & Coke Co.	Fayette	-	-	1,389	-	-	-	-	-	1,389	178
Phillips Strip (d)	Fayette	-	-	1,114	-	-	-	-	-	1,114	145
Piccolomini, William	Fayette	-	-	8,229	-	-	-	-	-	8,229	50
Pontorero & Sons Coal Co.	Fayette	-	-	24,247	-	-	-	-	-	24,247	99
Fast Strip	Fayette	-	-	14,692	-	-	-	-	-	14,692	94
Cunningham Strip	Fayette	-	-	38,939	-	-	-	-	-	38,939	2
Stevenson Strip	Fayette	-	-	8,220	-	-	-	-	-	8,220	8
Total											
Ruane Coal & Coke Co.	Fayette	-	-	9,616	-	-	-	-	-	9,616	78
Wynn	Fayette	-	-	9,616	-	-	-	-	-	9,616	78
Wynn Cleaning Plant	Fayette	-	-	23,580	-	-	-	-	-	23,580	192
Sabatine Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	76
Bowers Strip	Fayette	1,645	-	-	-	-	-	-	-	1,645	4
Smith & Wise Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	300
Stewart Strip	Fayette	1,827	-	-	-	-	-	-	-	1,827	3
Smithfield Mining Co., Inc.	Fayette	-	-	-	-	-	-	-	-	-	60
Cucumber Run Strip (e)	Fayette	-	-	953	1,391	-	-	-	-	2,344	4
Solomon & Teslovich	Fayette	-	-	369	-	-	-	-	-	369	12
High House Strip	Fayette	-	-	1,322	1,391	-	-	-	-	2,713	8
Race Strip (e)	Fayette	-	-	15,891	-	-	-	-	-	15,891	135
Total				41,018	-	-	-	-	-	41,018	147
Swaney & Swaney Stripping Operation	Fayette	-	-	56,909	-	-	-	-	-	56,909	8
Collier Strip	Fayette	-	-	17	1,275	-	-	-	-	1,292	189
Elcher Strip	Fayette	-	-	-	-	-	-	-	-	-	335
Total											
United States Steel Corp.	Fayette	402,502	-	-	-	845	-	-	-	404,639	52
Collier (f)	Fayette	-	-	-	485	-	-	-	-	485	3
Valentine & Tassone Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	14
New Geneva No. 3	Fayette	12,263	-	-	-	-	-	-	-	12,263	209
Whipkey Coal Co.	Fayette	-	-	-	-	-	-	-	-	-	5
Whipkey No. 4	Fayette	-	-	-	-	-	-	-	-	-	11
Whoolery Coal Co.	Fayette	-	-	2,000	-	-	-	-	-	2,000	136
Harriet	Fayette	-	-	2,945	-	-	-	-	-	2,945	11
Kyle	Fayette	-	-	-	-	-	-	-	-	-	-

District 17

Operators and Mines	County	Production of coal and coke - net tons							No. of employees	Fatal accidents	Non-fatal accidents
		Shipped to market	By rail	By water	By trucks	Coal used for domestic purposes at mine	Coal used for heat & power at mine	Coal used in manufacture of coke			
Calavenzo, Floyd	Allegheny	-	-	-	2,755	-	-	-	141	7	-
Olette Strip (a)	Allegheny	25,098	-	-	49,283	-	-	-	210	38	3
Campbell Coal Co.	Allegheny	-	-	-	-	-	-	-	210	6	-
Maude	Allegheny	25,098	-	-	49,283	-	-	-	44	-	3
Campbell Cleaning Plant											
Total											
Caruso, Tony	Washington	-	-	-	7,795	-	-	-	140	4	-
Bulger Strip	Beaver	-	-	-	5,058	-	-	-	211	3	-
Central Commercial Co.	Washington	-	-	-	41,500	-	-	-	228	20	-
Elsmen Strip	Washington	-	-	-	10,560	-	-	-	220	3	-
Craig Brothers Coal Co.	Washington	-	-	-	-	-	-	-	-	-	-
Craig Strip	Washington	-	-	-	-	-	-	-	-	-	-
Davis Coal Co., Benjamin	Washington	-	-	-	-	-	-	-	-	-	-
Davis Strip	Washington	-	-	-	-	-	-	-	-	-	-
DeCook Coal Co.	Washington	-	-	-	-	-	-	-	-	-	-
DeCook	Washington	-	-	-	756	5	-	-	170	3	-
Dettinger Coal Co.	Beaver	-	-	-	801	-	-	-	169	4	-
Dettinger	Beaver	-	-	-	-	-	-	-	-	-	-
Dodds Coal Co.	Beaver	-	-	-	41,000	-	-	-	165	7	-
Dodds Strip	Beaver	-	-	-	-	-	-	-	-	-	-
Dow-Lin Coal Co.	Beaver	-	-	-	3,524	-	-	-	60	16	-
Marquet (b)	Washington	-	-	-	13,662	-	-	-	225	4	-
Swing, Charles W.	Beaver	-	-	-	22,717	-	-	-	105	8	-
Bubbit Strip	Washington	-	-	-	-	-	-	-	-	-	-
Ferguson Mining Co.	Washington	-	-	-	-	-	-	-	-	-	-
Ferguson Strip	Washington	-	-	-	-	-	-	-	-	-	-
Furno Brothers Coal Co.	Washington	-	-	-	-	-	-	-	-	-	-
Furno	Washington	-	-	-	488	-	-	-	130	2	-
Harmon Creek Coal Corp.	Washington	155,485	-	-	222,365	650	-	-	207	87	1
Florence Strip	Washington	-	-	-	18,340	-	-	-	150	4	-
Florence Auger	Washington	-	-	-	-	-	-	-	207	15	-
Harmon Creek Cleaning Plant											
Total											
Keystone Valley Coal Co.	Beaver	-	-	-	8,047	1,122	-	-	51	14	-
Patterson Strip (c)	Washington	-	-	-	8,418	-	-	-	68	7	-
Mac Coal Co.											
No. 1 Strip (d)											

Operators and Mines	County	Production of coal and coke - net tons											
		Shipped to market	By rail	By water	By truck	Coal used locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke	No. of employees	Fatal accidents	
Kallich Coal Co.	Washington	-	-	-	27,760	-	-	-	27,760	-	251	6	-
Windy Hill Strip	Allegheny	-	-	-	5,080	-	-	-	5,080	-	240	2	-
Marshall, Wilbert F.	Allegheny	-	-	-	15,700	2,055	-	-	17,755	-	245	10	-
Champion Hill Strip	Washington	-	-	-	2,938	-	-	-	2,938	-	15	2	-
Mazzaro & Son	Washington	-	-	-	18,638	2,055	-	-	20,693	-	12	-	-
M. & S. Strip (e)	Total	-	-	-	27,708	-	-	-	27,708	-	259	4	-
McQuiston Coal Co.	Beaver	-	-	-	3,000	2,023	-	-	5,023	-	196	7	1
Telford Strip	Beaver	-	-	-	32,322	-	-	-	32,322	-	223	9	-
Miller & Son Coal, R.	Allegheny	-	-	-	775	-	-	-	775	-	15	2	-
Belton	Washington	-	-	-	186,795	-	-	-	186,795	-	250	45	-
Montour Valley Coal Co.	Beaver	-	-	-	22,921	-	-	-	22,921	-	240	10	-
Valley No. 2 Strip	Allegheny	-	-	-	7,326	-	-	-	7,326	-	152	10	-
Moore, Ralph K.	Allegheny	-	-	-	2,617	-	-	-	2,617	-	128	6	-
Moore Strip	Allegheny	-	-	-	9,943	-	-	-	9,943	-	16	-	-
National Steel Corp.	Washington	-	-	-	721	-	-	-	721	-	39	4	-
Weirton Strip	Washington	-	-	-	28,224	-	-	-	28,224	-	122	6	-
North Sewickley Coal Co.	Washington	-	-	-	10,640	-	-	-	10,640	-	73	6	-
Sewickley Strip	Washington	-	-	-	397,935	41,186	1,293	-	1,119,865	-	212	298	1
North Star Coal Co.	Allegheny	-	-	-	15,081	-	-	-	15,081	-	245	106	-
Jean No. 1 Strip	Allegheny	-	-	-	-	-	-	-	-	-	-	-	-
Jean No. 2	Allegheny	-	-	-	413,016	41,186	1,293	-	1,134,946	-	404	1	-
Total	Total	-	-	-	679,451	-	-	-	-	-	-	-	-
Pawlosky Coal Co.	Washington	-	-	-	721	-	-	-	721	-	39	4	-
Maloney	Washington	-	-	-	28,224	-	-	-	28,224	-	122	6	-
Penneir Construction Co.	Washington	-	-	-	10,640	-	-	-	10,640	-	73	6	-
Penneir No. 1 Strip	Washington	-	-	-	397,935	41,186	1,293	-	1,119,865	-	212	298	1
Penow Coal Co.	Allegheny	-	-	-	15,081	-	-	-	15,081	-	245	106	-
Sasso No. 5 Strip	Allegheny	-	-	-	-	-	-	-	-	-	-	-	-
Pittsburgh Coal Co., Div. of Consolidation Coal Co.	Washington	-	-	-	413,016	41,186	1,293	-	1,134,946	-	404	1	-
Montour No. 4	Washington	-	-	-	679,451	-	-	-	-	-	-	-	-
Russel Strip (f)	Allegheny	-	-	-	-	-	-	-	-	-	-	-	-
Champion No. 1 Cleaning Pl.	Washington	-	-	-	-	-	-	-	-	-	-	-	-
(g)	Washington	-	-	-	-	-	-	-	-	-	-	-	-
Total	Total	-	-	-	679,451	-	-	-	-	-	-	-	-

District 17

Operators and Mines	County	Production of coal and coke - net tons										No. of employes	Fatal acci- dents	Non- acci- dents	
		Shipped to market		Coal used locally		Coal used for heat & power at mine		Coal used in manu- facture of coke		Total produc- tion of coal	Total produc- tion of coke				Days worked
Rawling Coal & Clay Co.	Beaver	-	-	-	1,976	86	-	-	-	2,062	-	192	3	-	-
Goldman Strip	Beaver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rochlio & Kiger Construction Co.	Washington	-	-	-	24,235	-	-	-	-	24,235	-	184	5	-	-
Moore Strip	Washington	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sunnyside Coal Mining Co.	Beaver	-	-	-	49,270	-	-	-	-	49,270	-	250	17	-	-
Whan Strip	Beaver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Veon, Inc., R. A.	Beaver	-	-	-	34,723	3,945	-	-	-	38,668	-	308	21	-	-
Veon Strip	Beaver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wright Coal Co., Grant R.	Beaver	-	-	-	24,511	-	-	-	-	24,511	-	297	6	-	-
Wright Strip	Beaver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total		878,877	-	-	1,772,473	71,959	2,081	-	-	2,725,390	-	209	916	1	14

Production Per Fatal - 2,725,390

Stripping Production 1,479,902 - Stripping Employees 412

NOTE: (a) Completed operations during 1960.

(b) Discontinued operations during 1960.

(c) Started operations during November, 1960.

(d) Started operations during October, 1960.

(e) Part of this production taken from stockpile.

(f) Coal uncovered in 1958 and loaded out by Alcoe Coal Co. in 1960.

(g) This cleaning plant prepares the coal from Westland Mine, Westland Strip, and Montour No. 4 Mine.

District 19

Ace Coal Co.	Huntington	-	-	-	1,978	-	-	-	1,978	-	140	4	-	-
Chamberlain No. 2	Huntington	-	-	-	-	-	-	-	-	-	-	-	-	-
Chamberlain No. 3	Huntington	-	-	-	-	-	-	-	1,000	-	200	4	-	-
Total		-	-	-	2,978	-	-	-	2,978	-	-	8	-	-
Ark Coal Co.	Bedford	-	-	-	-	-	-	-	-	-	-	-	-	-
Harriett No. 5	Bedford	-	-	-	33,655	-	-	-	33,655	-	235	16	-	2
Balzano Coal Co.	Cambria	-	-	-	-	3,295	-	-	3,295	-	160	7	-	-
Barnhart Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-	-	-	-
Barnhart No. 1	Cambria	-	-	-	-	615	-	-	615	-	52	4	-	-
Barton Coal Co.	Bedford	-	-	-	-	-	-	-	-	-	-	-	-	-
Figard No. 3	Bedford	-	-	-	-	4,218	-	-	4,218	-	153	5	-	-

District 10

Operators and Mines	County	Production of coal and coke - net tons											
		Shipped to market		Coal used		Coal used in		Total production of coal		Total production of coke			
		By rail	By water	By trucks	for domestic purposes	for heat & power at mine	used in manufacture of coke	of coal	of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
DeLozier, Paul T.	Cambria	-	-	-	2,705	-	-	2,705	-	138	3	-	-
DeLozier Strip	Cambria	-	-	-	2,279	-	-	2,279	-	30	3	-	-
DeLozier No. 1 (a)		-	-	-	2,984	-	-	2,984	-	6	6	-	-
Total													
Detweiler Industries, Inc.	Bedford	-	-	2,303	-	-	-	2,303	-	257	7	-	-
Broad Top No. 10													
Elbert Coal Co.	Cambria	-	-	-	803	-	-	803	-	150	4	-	-
Gannan No. 2													
Duwall & White	Bedford	-	-	-	947	-	-	947	-	120	2	-	-
Bacon No. 5													
Lysart Coal Co.	Cambria	-	-	-	2,728	-	-	2,728	-	245	4	-	-
Lysart No. 1													
F. & K. Coal Co.	Cambria	-	-	4,626	-	-	-	4,626	-	182	9	-	1
F. & K.													
Four Coal Co.	Bedford	-	-	1,553	-	-	-	1,553	-	150	3	-	-
Four													
Fry Coal & Stone Co.	Bedford	-	-	63,853	-	-	-	63,853	-	255	14	-	-
Fry Strip													
G. M. & W. Coal Co., Inc.	Bedford	-	-	26,166	-	-	-	26,166	-	200	48	-	6
No. 9	Fulton	-	-	708	-	-	-	708	-	27	3	-	-
No. 1 Highwall	Huntington	-	-	612	-	-	-	612	-	120	4	-	-
Gordon (d)	Huntington	-	-	8,793	-	-	-	8,793	-	158	5	-	-
Rocky Ridge Strip	Fulton	-	-	4,454	-	-	-	4,454	-	47	4	-	-
No. 10 Strip				40,733	-	-	-	40,733	-	64	64	-	-
Total													
Gauntner, John P.	Cambria	-	-	-	1,596	-	-	1,596	-	200	4	-	-
Myers													
Gibson Coal Co.	Cambria	-	-	-	10,999	-	-	10,999	-	289	10	-	-
Velest Strip													
Gregg, Frank S.	Cambria	-	-	-	624	-	-	624	-	125	3	-	-
Gregg													
Healy, Clarence G.	Blair	-	-	-	90	-	-	90	-	70	2	-	-
Healy													
Heaton Coal Co.	Bedford	-	-	1,340	-	-	-	1,340	-	200	4	-	-
Heaton													
Hertzog Coal Co.	Cambria	-	-	-	2,823	-	-	2,823	-	154	5	-	-
Hertzog													

[illegible]

District 18

Operators and Mines	County	Production of coal and coke - net tons							No. of employees	Fatal accidents	Non-fatal accidents	
		Shipped to market	By rail	By water	By truck	Coal used for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke				Total production of coal of coke
Miller Brothers Coal Co.	Cambria	-	-	-	-	17,401	-	-	17,401	-	238	21
Miller No. 1												
Minersville Coal Co.	Huntingdon	-	-	-	-	652	-	-	652	-	100	2
Melrose												
Mule Shoe Coal Co.	Blair	-	-	-	5,361	-	-	-	5,361	-	214	6
Stone Bridge (1)												
Neuder Coal Co.	Huntingdon	-	-	-	-	212	-	-	212	-	100	2
Neuder No. 1 (c)												
Nimchishin, Mike	Huntingdon	-	-	-	-	231	-	-	231	-	90	3
Raven Rock												
P. & P. Coal Co.	Cambria	-	-	-	-	500	-	-	500	-	100	2
P. & P.												
Powell Coal Co., C. E.	Cambria	238,740	-	-	-	-	-	-	238,740	-	221	90
Powell No. 3 Strip	Cambria	15,960	-	-	-	-	-	-	15,960	-	31	20
Sterling No. 3 Strip		254,700	-	-	-	-	-	-	254,700	-	110	4
Total												
Ramsey & Son, Raymond	Bedford	-	-	-	-	100	-	-	100	-	54	1
Ramsey												
Red Ridge Coal Co.	Cambria	-	-	-	-	3,958	-	-	3,958	-	189	3
Red Ridge Strip												
Reed & Son, Warren H.	Huntingdon	-	-	-	-	2,400	-	-	2,400	-	200	5
Broad Top	Bedford	-	-	-	-	1,000	-	-	1,000	-	100	3
DeWada (c)												
Total		-	-	-	-	3,400	-	-	3,400	-	8	-
Reilly Coal Co.	Cambria	-	-	-	-	1,143	-	-	1,143	-	85	4
Reilly No. 1												
Reynolds, W. E.	Cambria	-	-	-	-	4,454	-	-	4,454	-	96	3
Reynolds Strip												
Richards, Kenneth G.	Bedford	-	-	-	3,210	-	-	-	3,210	-	62	4
Kay No. 1 Strip												
Rickard Coal Mining Co.	Cambria	-	-	-	1,564	-	-	-	1,564	-	246	4
Rickard No. 1												
Ritchey Brothers Coal Co.	Bedford	-	-	-	-	6,223	-	-	6,223	-	220	7
Ritchey												
Roberts, Dominick	Cambria	-	-	-	-	570	-	-	570	-	190	1
Roberts												
Robn Coal Co.	Bedford	-	-	-	2,028	-	-	-	2,028	-	110	5
Glendale No. 7												

District 19

Operators and Mines	County	Production of coal and coke - nations							Total : production of coke of coal	No. of em- ployes	Fatal acci- dents	Non- fatal accidents
		Shipped to market	By rail	By water	By truck	for domestic purposes	used for heat & power at mine	Coal used in manu- facture of coke				
King Coal Co.	Westmoreland	-	-	-	-	577	-	-	577	90	2	-
Klaka Coal Co.	Westmoreland	-	-	-	-	1,215	17	-	1,232	129	3	-
Koracin Coal Co.	Westmoreland	-	-	-	-	100	-	-	100	120	2	-
Krevokuck Coal Co.	Westmoreland	-	-	-	-	3,450	-	-	3,450	170	18	1
Scott Haven	Westmoreland	-	-	-	-	2,500	-	-	2,500	20	2	-
Laspina Coal Co.	Westmoreland	-	-	-	-	491	-	-	491	23	4	-
Laspina Strip	Westmoreland	-	-	-	-	-	-	-	-	140	3	-
Long Coal Co.	Westmoreland	-	-	-	-	2,450	-	-	2,450	60	4	-
Apple Mill Strip (b)	Westmoreland	-	-	-	-	600	-	-	600	125	2	-
McClintock Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	25	5	-
Medic Coal Co.	Westmoreland	-	-	-	-	300	-	-	300	30	3	-
Medic (b)	Westmoreland	-	-	-	-	550	-	-	550	100	2	-
Metz Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	176	3	-
Morvin Coal & Development Co.	Westmoreland	-	-	-	-	2,142	-	-	2,142	120	3	-
Morvin No. 2 Strip	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Oliver Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Orisick Coal Co.	Westmoreland	-	-	-	-	340	-	-	340	165	140	2
Orisick (b)	Westmoreland	-	-	-	-	160	-	-	160	100	2	-
Paterline Coal Co.	Westmoreland	-	-	-	-	594	-	-	594	176	3	-
Paterline	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Paulisick Coal Co.	Westmoreland	-	-	-	-	2,400	-	-	2,400	120	3	-
Paulisick Strip	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Pittsburgh Coal Co., Div. of Consolidation Coal Co.	Westmoreland	196,767	-	-	-	1,961	-	-	413,705	165	140	2
Hutchinson	Westmoreland	-	-	-	-	-	-	-	-	100	8	-
Cleaning Plant	Westmoreland	120,747	-	-	-	2,107	-	-	413,705	148	-	-
Pletcher Coal Co.	Westmoreland	-	-	-	-	3,520	-	-	3,520	225	5	-
Magee	Westmoreland	-	-	-	-	-	-	-	-	135	12	-
Potoka Coal Co.	Westmoreland	-	-	-	-	4,369	-	-	4,369	-	-	-
Potoka No. 2	Westmoreland	-	-	-	-	-	-	-	-	-	-	-
Total												

District 19

		Production of coal and coke - net tons									
Operators and Mines	County	Shipped to market		Coal used		Coal used in		Total production		Days of em- ployes worked	Fatal accidents
		By rail	By water	By trucks	for domestic purposes	for heat & power at mine	used in manu- facture of coke	Total production of coal	Total production of coke		
Protz Brothers Coal Co.	Westmoreland	-	-	3,625	-	-	-	3,625	-	160	5
Greenwalt Strip (b)	Westmoreland	-	-	-	2,356	-	-	2,356	-	88	5
Mathgeb & Gorr Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	-	-
Sterner Strip	Westmoreland	-	-	-	5,614	15	-	5,629	-	250	10
River Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	-	-
Renee	Westmoreland	-	-	-	-	-	-	-	-	-	-
Ruffsedale Coal Co., Inc.	Westmoreland	115,692	-	2,373	203	-	-	118,268	-	204	58
Ella	Westmoreland	-	-	-	-	-	-	-	-	204	4
Cleaning Plant	Westmoreland	115,692	-	2,373	203	-	-	118,268	-	62	10
Total											
S. & U. Coal Co.	Westmoreland	7,144	-	1,903	9,913	-	-	19,960	-	165	17
Marchand	Westmoreland	-	-	-	-	-	-	-	-	-	2
Sandrick Coal Co.	Westmoreland	-	-	-	600	-	-	600	-	100	2
Sandrick	Westmoreland	-	-	-	-	-	-	-	-	-	-
Sekora Coal Co.	Westmoreland	-	-	6,434	-	-	-	6,434	-	146	4
Sekora Strip (a)	Westmoreland	-	-	-	-	-	-	-	-	-	-
Senor Coal Co., Inc.	Westmoreland	-	-	1,124	-	-	-	1,124	-	44	4
Stella Strip (b)	Westmoreland	-	-	-	-	-	-	-	-	-	-
Sawickley Coal Co.	Westmoreland	-	-	1,872	-	5	-	1,877	-	182	9
Darragh	Westmoreland	-	-	-	-	-	-	-	-	80	3
Sewickley No. 2	Westmoreland	-	-	1,872	-	5	-	1,877	-	12	-
Total											
Soberdash & Adams Coal Co.	Westmoreland	-	-	150	-	-	-	150	-	10	6
Ruffsedale Strip (b)	Westmoreland	-	-	-	-	-	-	-	-	-	-
Stahl Coal Co. (b)	Westmoreland	-	-	-	600	-	-	600	-	156	2
Stahl Strip (b)	Westmoreland	-	-	-	-	-	-	-	-	-	-
Wachs Coal Co.	Westmoreland	-	-	-	240	-	-	240	-	63	4
Wachs	Westmoreland	-	-	-	-	-	-	-	-	-	-
Ward, Thomas J.	Westmoreland	-	-	7,710	-	-	-	7,710	-	130	5
Swede Hill Strip (a)	Westmoreland	-	-	-	-	-	-	-	-	-	-
Westmoreland County Institution	Westmoreland	-	-	-	3,219	-	-	3,219	-	310	3
County Home	Westmoreland	-	-	-	-	-	-	-	-	-	-
Wood Coal Co.	Westmoreland	-	-	1,079	-	-	-	1,079	-	24	4
Benson Strip (a)	Westmoreland	-	-	-	-	-	-	-	-	-	-
Wray Coal Co., Inc.	Westmoreland	-	-	-	-	-	-	-	-	-	-
Scott Haven	Westmoreland	-	-	678	-	-	-	678	-	105	4

District 19

Operators and Mines	County	Production of coal and coke - net tons										No. of employees	Fatal accidents	Non-fatal accidents
		Shipped to market	By rail	By water	By truck	for domestic purposes	Coal used locally	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke			
Yesek Coal Co.	Westmoreland	-	-	-	-	250	-	-	-	250	-	50	3	-
Yesek (a)	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-	-
Zeglin Coal Co.	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-	-
Galletti Strip	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-	-
Pleasant Valley Strip (a)	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-	-
Boquet Strip	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-	-	-	-
Zufall Brothers Coal Co.		-	-	-	-	-	-	-	-	-	-	-	-	-
Zufall	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total		813,746	-	-	362,362	56,443	52	-	-	1,232,603	-	167	638	41

Production Per Fatal - No Fatal

Stripping Production 87,517 - Stripping Employees 102

NOTE: (a) Mines that have completed operating in 1960.

(b) New mines.

District 20

A. & A. Coal Co.	Somerset	9,058	-	-	-	-	-	-	-	9,058	-	163	14	-
Gambria No. 14	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-
Alexander Coal Co.	Somerset	-	-	-	-	437	-	-	-	437	-	49	2	-
Alexander	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-
Anderson Coal Co.	Somerset	7,343	-	-	-	-	-	-	-	8,790	-	139	3	-
Korns Strip	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-
B. & K. Coal Co., Inc.	Somerset	2,398	-	-	-	-	-	-	-	2,398	-	32	16	-
Gambria No. 4 (a)	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-
Balsavage, Anthony	Somerset	-	-	-	-	421	-	-	-	421	-	112	1	-
Balsavage	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-
Baujman, John J.	Somerset	-	-	-	-	2,512	-	-	-	2,512	-	117	7	-
Critchfield No. 1	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-
Beaman Coal Co.	Somerset	450	-	-	-	-	-	-	-	450	-	90	3	-
Beaman	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-
Beaman, Ray	Somerset	11,491	-	-	-	-	-	-	-	16,201	-	254	4	-
Adams No. 1 Strip	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-

District 20

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used		Coal used in		Total production		Days of coke worked	
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	for manufacture of coke	of coal	of coke	No. of employees	Fatal accidents
Stahl, Elmer D.	Somerset	-	-	-	797	-	-	797	-	186	2
Stutzman, Walter	Somerset	-	-	7,100	-	17	-	7,117	-	246	4
Svonavec Coal Co.	Somerset	32,484	-	-	23,837	2	-	56,323	-	270	15
Svonavec Coal Mining Co., D. Cambria No. 19	Somerset	-	-	10,286	-	1	-	10,287	-	167	11
Swank Coal Co.	Somerset	-	-	-	689	-	-	689	-	122	3
Swank No. 1	Somerset	-	-	-	267	-	-	267	-	27	1
Swank No. 2	Somerset	-	-	-	956	-	-	956	-	4	-
Total											
Thermal Coal Mining Co.	Somerset	3,592	-	-	-	-	-	3,592	-	32	9
Cleeves Strip	Somerset	57,386	-	-	-	-	-	57,386	-	283	15
Walker Strip	Somerset	25,393	-	-	-	-	-	25,393	-	162	9
Williams Strip (k)	Somerset	86,371	-	-	-	-	-	86,371	-	33	2
Total											
Thomas, Samuel	Somerset	-	-	-	346	-	-	346	-	69	2
Thomas	Somerset	-	-	-	-	-	-	-	-	-	-
Tirko & Swintosky	Somerset	-	-	1,065	-	-	-	1,065	-	180	3
Armagost	Somerset	-	-	-	-	-	-	-	-	-	-
Trent Coal Co.	Somerset	1,132	-	8,114	-	45	-	9,291	-	239	8
Trent	Somerset	-	-	-	-	-	-	-	-	-	-
Tunstall & Tressler	Somerset	-	-	171	161	-	-	332	-	44	2
Tunstall & Tressler (1)	Somerset	-	-	-	-	-	-	-	-	-	-
Volpe, Puckey & Burba	Somerset	-	-	-	431	-	-	231	-	45	3
V. P. & B. (m)	Somerset	-	-	-	-	-	-	-	-	-	-
Weigle, Guy	Somerset	314	-	-	-	-	-	314	-	37	4
Weigle Strip (f)	Somerset	-	-	-	-	-	-	-	-	-	-
Will & Will	Somerset	-	-	44	137	-	-	181	-	100	2
Sporlein	Somerset	-	-	-	-	-	-	-	-	-	-
Yoder & Hay	Somerset	-	-	-	1,028	-	-	1,028	-	183	2
Yoder No. 2	Somerset	-	-	-	-	-	-	-	-	-	-
Z. & P. Coal Co.	Somerset	-	-	-	247	-	-	247	-	56	3
Z. & P. No. 2 (n)	Somerset	-	-	-	-	-	-	-	-	-	-
District Total											
		449,075	-	100,919	80,714	89	-	630,797	-	145	500

District 20

County	Production of coal and coke - net tons						Non-Fatal accidents
	Shipped to market	By rail	By water	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coke	
Operators and Mines							

Production Per Fatal - No Fatal
Stripping Production 382,692 - Stripping Employees 140

NOTE: (a)	Operate as Cambria Fuel Co., Cambria No. 4 mine prior to November 14, 1960.	(i)	Ceased operating December 31, 1960.
(b)	Operated as B. & K. Coal Co., Inc., Cambria No. 4 mine subsequent to November 14, 1960.	(j)	Now operated by Tunstall & Tressler as the Tunstall & Tressler mine.
(c)	Ceased operating May 31, 1960.	(k)	Ceased operating November 30, 1960.
(d)	Ceased operating February 28, 1960.	(l)	Previously operated as Anna Orha, Orha mine.
(e)	Ceased operating March 31, 1960.	(m)	Now operated as Z. & P. Coal Co., Z. & P. No. 2 mine.
(f)	Ceased operating April 30, 1960.	(n)	Previously operated as Volpe, Puckey & Burba, V. P. & B. mine.
(g)	Ceased operating January 31, 1960.		
(h)	Operated as Erickson Coal Sales, Higgins Run mine subsequent to September 30, 1960.		

District 21

American Carbon Fuels, Inc.							
Haber Strip (a)	2,260	-	-	-	-	2,260	5
Aretta Coal Co.							
Crystal No. 2 (b)	454	-	-	-	-	454	4
Baran, Joseph S.							
Baran Strip	-	-	416	-	-	416	1
Baranek, Joseph							
Brown Hill	-	-	312	-	-	312	1
Battisti, Charles							
Locust Hill	-	-	120	-	-	120	2
Bortz Coal Co.							
Marion Strip	1,212	-	-	-	-	1,212	5
Bortz Cleaning Plant	1,212	-	-	-	-	1,212	2
Total							7
Brewer Coal Co.							
Brewer	-	-	235	-	-	235	2
Camp Coal Co., Inc.							
Suarez No. 1 (c)	-	-	8,000	-	-	8,000	10
Caro Coal Co.							
Hetty No. 2 (d)	6,900	-	-	-	-	6,900	8
Chellini Coal Co.							
David & Paul	-	-	896	-	-	896	7

District 21

Operators and Mines	County	Production of coal and coke - net tons							No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market	By rail	By water	By truck	Coal used locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke			
Chess Coal Co.	Greene	1,200	-	-	-	-	-	1,200	30	9	-
Catherine No. 3 (e)	Fayette	-	-	-	400	-	-	400	90	4	-
Clark Coal Co.	Fayette	1,446	-	-	-	-	-	1,446	180	4	-
Cornish	Greene	-	-	-	15	-	-	15	5	2	-
Diana Coal Co.	Fayette	-	-	-	20	-	-	20	10	1	-
Dilling & Whyel Coal Co.	Greene	-	-	-	-	-	-	-	-	-	-
Dillinger	Fayette	-	-	-	-	-	-	-	-	-	-
Dunham Coal Co.	Greene	-	-	-	-	-	-	-	-	-	-
Lakeview (f)	Greene	-	-	-	-	-	-	-	-	-	-
Duquesne Light Co.	Greene	715,322	-	-	-	148	222	715,692	243	259	6
Warwick No. 1	Greene	907,184	-	-	-	189	283	907,656	243	265	5
Warwick No. 2	Greene	-	-	-	-	-	-	-	243	3	-
Warwick Cleaning Plant	Greene	-	-	-	-	-	-	-	-	-	-
Total		1,622,506	-	-	-	337	505	1,623,348	-	527	11
Franks Coal Co., Inc.	Fayette	17,759	-	-	-	-	-	17,759	141	16	-
French Coal Co.	Fayette	18,473	-	-	-	-	-	18,473	49	28	1
Marion No. 1 (g)	Fayette	7,625	-	-	-	-	-	7,625	52	13	-
Fry Coal & Stone Co.	Greene	-	-	-	-	332	-	332	34	2	-
Fayette Strip	Fayette	-	-	-	2,232	-	-	2,232	110	4	-
G. & H. Coal Co.	Greene	-	-	-	-	-	-	13,270	109	6	-
James (h)	Fayette	-	-	-	-	-	-	3,601	112	10	1
H. & A. Coal Co.	Greene	-	-	-	-	-	-	4,897	72	11	1
Adah No. 1	Greene	-	-	-	-	-	-	1,701,990	215	650	1
Henderson, Virgil	Greene	6,500	6,770	-	-	-	-	13,270	79	7	-
Hilltop Coal Co.	Greene	-	-	-	-	-	-	3,400	25	2	-
Maple-Sterling	Greene	-	-	-	-	-	-	225	-	-	-
Jimmie's Coal Co.	Greene	-	-	-	-	-	-	-	-	-	-
Jimmie's 9 Foot	Greene	-	-	-	-	-	-	-	-	-	-
Jones & Laughlin Steel Corp.	Greene	-	-	-	-	-	-	-	-	-	-
Shannon (i)	Greene	-	-	-	-	-	-	-	-	-	-
K. D. & M. Coal Co.	Greene	-	-	-	-	-	-	-	-	-	-
K. D. & M.	Greene	-	-	-	-	-	-	-	-	-	-
K. R. & J. Coal Co.	Greene	-	-	-	-	-	-	-	-	-	-
K. R. & J.	Greene	-	-	-	-	-	-	-	-	-	-

District 21

Operators and Mines	County	Production of coal and coke - net tons							Total : production of coke	Days worked	No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market	By rail	By water	By truck	locally for domestic purposes	Coal used for heat & power at mine	Coal used in manu- facture of coke					
R. & S. Coal Co.	Greene	-	-	1,200	-	-	-	-	1,200	-	76	2	-
S. & T. Coal Co.	Fayette	-	-	-	-	500	-	-	500	-	50	3	-
Sabatine Coal Co.	Fayette	-	-	-	2,543	-	-	-	2,543	-	63	6	-
Richhill Strip	Greene	-	-	-	598	-	-	-	598	-	70	3	-
Slater & Caldwell Coal Co.	Fayette	-	-	-	456	-	-	-	456	-	30	3	-
Titus	Fayette	-	-	-	-	-	-	-	181	-	30	4	-
Smith Coal Mining Co.	Greene	-	-	-	-	1,553	-	-	1,553	-	74	6	-
Smith No. 2	Greene	-	-	-	-	11,358	-	-	11,358	-	61	5	-
Smith & Wise Coal Co.	Greene	-	-	-	-	60	-	-	60	-	10	2	-
Morgan Strip	Greene	-	-	-	-	1,556	-	-	1,556	-	120	3	-
Taylorstown Coal Co.	Fayette	-	-	-	2,569	-	-	-	2,569	-	176	3	-
Kay's No. 3 (n)	Greene	-	-	-	175	-	-	-	175	-	20	7	-
Valley Bend Coal Co.	Greene	-	-	-	160	-	-	-	160	-	30	2	-
Valley Point Coal Co.	Greene	-	-	-	-	250	-	-	250	-	15	3	-
Volek & McHair Coal Co.	Greene	-	-	-	-	-	-	-	-	-	-	-	-
Provence	Greene	-	-	-	-	-	-	-	-	-	-	-	-
Whiteley Mining Co.	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Whiteley No. 3	Greene	-	-	-	-	-	-	-	-	-	-	-	-
Wilburn Coal Co., Lloyd	Greene	-	-	-	-	-	-	-	-	-	-	-	-
Crystal	Greene	-	-	-	-	-	-	-	-	-	-	-	-
Williams, H. O.	Greene	-	-	-	-	-	-	-	-	-	-	-	-
David & Paul (o)	Greene	-	-	-	-	-	-	-	-	-	-	-	-
Yoskovitch & Volek	Greene	-	-	-	-	-	-	-	-	-	-	-	-
Provence (p)	Greene	-	-	-	-	-	-	-	-	-	-	-	-
Zaycosky Coal Co., John	Greene	-	-	-	-	-	-	-	-	-	-	-	-
Maple-Sterling No. 2 (q)	Greene	-	-	-	-	-	-	-	-	-	-	-	-

Production Per Fatal - 3,501,886
Stripping Production 29,427 - Stripping Employees 52

District 22

Operators and Mines	County	Production of coal and coke - net tons										Non-fatal acci- dents	
		Shipped to market		Coal used locally for domestic trucking purposes		Coal used for heat & power at mine		Coal used in manu- facture of coke		Total produc- tion of coal	Total produc- tion of coke		
		By rail	By water	By truck	for	domestic	at mine	of coke	of coke				
Santrac Coal Co.	Washington	-	-	12,681	-	-	-	-	-	12,681	-	145	4
Smith Strip	Washington	-	-	21,125	-	-	-	-	-	21,125	-	145	4
Armstrong Strip		-	-	33,806	-	-	-	-	-	33,806	-	8	1
Total													
Sanders Brothers Coal Co., Inc.	Washington	-	-	1,200	-	-	-	-	-	1,200	-	180	2
Coal Bluff		-	-	-	-	-	-	-	-	-	-	-	-
Sibben & Brunazzi	Allegheny	-	-	-	-	-	-	-	-	-	-	20	2
Old Sarah (a)		-	-	-	-	-	-	-	-	-	-	-	-
Siler Coal Co.	Washington	-	-	1,884	-	-	-	-	-	1,884	-	130	4
Siler		-	-	-	-	-	-	-	-	-	-	-	-
Sims Coal Co.	Allegheny	-	-	22,747	-	-	-	-	-	22,747	-	196	26
Piney Fork		-	-	-	-	-	-	-	-	-	-	-	4
Solar Coal Co.	Allegheny	-	-	11,788	-	-	-	-	-	11,788	-	251	3
Beedle Strip	Allegheny	-	-	16,396	-	-	-	-	-	16,396	-	251	3
Kovach Strip		-	-	28,184	-	-	-	-	-	28,184	-	6	-
Total													
Sporio Coal Co.	Allegheny	-	-	9,411	-	-	-	-	-	9,411	-	178	2
Sporio Strip		-	-	-	-	-	-	-	-	-	-	-	-
Twilight Industries, Inc.	Allegheny	-	-	4,104	-	-	-	-	-	4,104	-	74	2
Finley Strip		-	-	-	-	-	-	-	-	-	-	-	-
Williams Coal Co.	Allegheny	-	-	4,031	-	-	-	-	-	4,031	-	188	7
Williams		-	-	-	-	-	-	-	-	-	-	-	-
District Total		299,631	1,351,114	442,131	3,053	364	-	-	-	2,096,293	-	151	760
												-	23

Production Per Fatal - No Fatal
 Stripping Production 269,190 - Stripping Employees 74

NOTE: (a) Mine did not produce any coal during 1960.

(b) New mine.

(c) Discontinued operations on March 31, 1960.

(d) Mine temporarily abandoned and all mine openings sealed.

District 23

Production of coal and coke - net tons

Operators and Mines	County	Shipped to market		Coal used locally for domestic purposes		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal of coke	Days of em- ployes worked	No. Fatal acci- dents	Non-fatal acci- dents
		By rail	By water	By truck	By domestic purposes	for heat & power at mine	used in manufacture of coke	used in manufacture of coke	used in manufacture of coke				
Angelo Coal Co.	Fayette	-	-	2,318	-	3	-	-	-	2,321	259	2	-
Umple	Fayette	-	-	-	5,435	-	-	-	-	5,435	180	9	-
Baker Coal Co.	Fayette	-	-	-	1,627	-	-	-	-	1,627	56	3	-
Tremont No. 3	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Strip		-	-	-	7,062	-	-	-	-	7,062	-	12	-
Total		-	-	-	-	-	-	-	-	-	-	-	-
Chuboy Coal Co., Steve	Fayette	-	-	-	650	-	-	-	-	650	60	3	-
Washington	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Cochran Coal Co.	Fayette	-	-	2,431	-	-	-	-	-	2,431	110	4	-
Cochran	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Conn, Charles, Jr.	Fayette	-	-	-	859	-	-	-	-	859	86	2	-
Porterfield	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Eastern Gas & Fuel Associates	Fayette	114,900	-	-	-	13	-	-	-	114,913	183	26	-
Melcroft	Fayette	-	-	-	-	-	-	-	-	-	-	5	-
Cleaning Plant		114,900	-	-	-	13	-	-	-	114,913	-	31	-
Total		-	-	-	-	-	-	-	-	-	-	-	-
Green, Inc., Walter	Fayette	-	-	-	1,565	-	-	-	-	1,565	95	2	-
Zebbley Strip	Fayette	-	-	-	619	-	-	-	-	619	97	2	-
Harim, Michael	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Harim	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Horrell & Son	Fayette	-	-	4,813	-	-	-	-	-	4,818	60	3	-
Strip (a)	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Keefer & Shultz	Fayette	-	-	-	1,000	-	-	-	-	1,000	100	2	-
Coffman No. 1	Fayette	-	-	-	1,281	-	-	-	-	1,281	240	1	-
Koballa, George E.	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Koballa	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Marsolino Construction Co.	Fayette	-	-	1,641	-	-	-	-	-	1,641	40	4	-
Marsolino (a)	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Moore & Sons, Inc.	Fayette	1,400	-	7,215	-	-	-	-	-	8,615	155	7	-
Ellen Strip	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
National Mines Corp.	Fayette	-	5,641,619	-	542	841	-	-	-	5,66,002	218	264	1 11
Isabella	Fayette	-	-	-	-	-	-	-	-	-	-	10	-
Cleaning Plant		-	5,641,619	-	542	841	-	-	-	5,66,002	-	274	1 11
Total		-	-	-	-	-	-	-	-	-	-	-	-
Nicholson, Weldon	Fayette	-	-	-	600	-	-	-	-	600	100	2	-
Scarlet	Fayette	-	-	-	-	-	-	-	-	-	-	-	-

District 23

Operators and Mines		Production of coal and coke - net tons									
		Shipped to market		Coal used locally		Coal used for heat & power at mine		Total production of coal		Total production of coke	
County		By rail	By water	By truck	By domestic purposes	By truck	By power	Production of coke	Days worked	No. of employees	Fatal accidents
Fayette	Piccolomini, William Davidson Strip (a)	-	-	3,910	-	-	-	3,910	178	8	-
Fayette	Schroyer, Lewis G.	-	-	-	400	-	-	400	40	3	-
Fayette	De Haven No. 1	-	-	-	1,116	-	-	1,116	186	4	-
Fayette	Shallenberger	-	-	-	-	-	-	-	-	-	-
Fayette	Soberdash Coal & Coke Co.	-	-	12,400	2,000	-	-	14,400	193	4	-
Fayette	United States Steel Corp.	-	-	-	-	-	-	-	-	-	-
Fayette	Bridgeport (b)	-	150,419	-	596	1	-	151,016	89	147	-
Fayette	Colonial (b)	-	40,556	-	8	260	-	40,824	68	124	2
Fayette	Leisenring (b)	-	218,529	-	61	182	-	218,772	89	195	1
Fayette	Maxwell (b)	-	106,073	-	-	1	-	106,074	96	96	-
Total		-	515,577	-	665	444	-	516,686	-	502	3
Fayette	Victory Coal Co.	-	-	-	1,174	-	-	1,174	110	3	-
District Total		116,300	1,080,196	34,733	19,533	1,301	-	1,252,063	131	935	14

Production Per Fatal - 1,252,063
Stripping Production 34,935 - Stripping Employees 27

NOTE: (a) Worked out and abandoned during year.
(b) Cased operations May 6th. Started dismantling in December for abandonment.

District 24

County		Production of coal and coke - net tons	Days worked	No. of employees	Fatal accidents
Somerset	Bahorik Coal Co.	23,289	130	22	1
Somerset	Berkey Coal Co., Curtis	-	150	3	-
Somerset	Berkey	2,182	-	-	-
Cambria	Berkey Coal Co., Inc.	-	34	6	-
Cambria	Creek Hill Strip	2,765	-	-	-
Cambria	Berwind-White Coal Mining Co.	-	-	-	-
Cambria	Eureka No. 37 Upper	516,435	165	272	1
District Total		549,641	165	272	1

District 24

		Production of coal and coke - net tons									
Operators and Mines	County	Shipped to market		Coal used		Coal used in		Total production of coal and coke		No. of employees	Fatal accidents
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	used in manufacture of coke	Total production of coal	Days worked		
Reitz Coal Co. (Cont.)											
Reitz No. 3 Upper	Somerset	-	-	-	-	-	-	-	-	1	-
Reitz No. 4	Somerset	48,938	-	-	-	-	-	48,938	130	60	-
Reitz No. 5	Somerset	41,420	-	-	456	18	-	41,894	120	26	-
Reitz No. 4½ Cleaning Plant	Somerset	-	-	-	-	-	-	-	120	10	-
Total		90,358	-	-	456	18	-	90,832	-	112	-
Richland Coal Corp.											
Richland (e)	Cambridia	-	-	-	916	-	-	916	80	3	-
Seliga Coal Co., Edward J. Hoffman	Somerset	-	-	-	2,874	-	-	2,874	220	4	-
Shade Coal Co.											
Levar (a)	Somerset	-	-	-	60	-	-	60	40	2	-
Shaffer Coal Co., Myron Shaffer Strip	Somerset	-	-	4,631	-	-	-	4,631	219	3	-
Shaffer No. 7	Somerset	106	-	-	-	-	-	106	13	3	-
Shaffer No. 9	Somerset	737	-	-	-	-	-	737	41	-	-
Total		843	-	4,631	-	-	-	5,474	-	9	-
Shaffer & Sons Coal Co., I.											
Shaffer	Cambridia	-	-	-	2,896	-	-	2,896	156	4	-
Sheesley's Minerals, Inc.											
Peacock Strip (a)	Somerset	-	-	2,291	1,600	-	-	3,891	131	5	-
Shuster Coal Co.											
Shuster No. 1	Somerset	5,389	-	-	-	-	-	5,389	100	10	-
Six Foremen Coal Co., Inc.											
Six Foremen	Somerset	8,640	-	-	-	-	-	8,640	130	10	-
Steel & Persio Coal Co.											
P. & S.	Somerset	-	-	-	164	-	-	164	40	2	-
Swank's Sons Coal Co., Hiram Swank No. 23	Somerset	15,500	-	-	-	-	-	15,500	231	20	-
Swaynos Coal Co., Joseph Swaynos	Somerset	-	-	-	974	-	-	974	85	3	-
Toth Coal Co., Steve Cambria No. 1	Somerset	2,150	-	-	-	-	-	2,150	45	5	-
Valent Coal Co., Joseph Valent	Somerset	-	-	-	750	-	-	750	140	2	-
Volpe Coal Co.											
Volpe	Somerset	-	-	-	231	-	-	231	45	4	-
Wain Coal Co.											
Wain No. 2	Somerset	842	-	-	-	-	-	842	102	4	-

District 25

Operators and Mines	County	Production of coal and coke - net tons											
		Shipped to market		Coal used		Coal used in		Total production of coal		Total production of coke			
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	manufacture of coke	of coal	of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
Black Diamond Coal Co.	Indiana	-	-	-	3,918	-	-	3,918	-	182	7	-	-
Black Diamond (a)	Indiana	-	-	-	80	-	-	80	-	15	3	-	-
Holgueta Coal Co., Nick Amnford No. 1	Indiana	24,555	-	-	-	-	-	24,555	-	212	8	-	1
Bowser, Earl E.	Indiana	6,652	-	-	-	-	-	6,652	-	69	4	-	-
Henderson Strip	Indiana	31,207	-	-	-	-	-	31,207	-	12	12	-	-
Henderson Auger	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Total													
Brown Brothers Coal Co.	Indiana	-	-	-	178	-	-	178	-	10	2	-	-
Blase Strip (b)	Indiana	2,780	-	-	-	-	-	2,780	-	132	3	-	-
Burns Coal Co., J. T.	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
C. & M. Coal Co.	Indiana	-	-	2,940	-	-	-	2,940	-	26	13	-	-
C. & P. Coal Co.	Indiana	5,452	-	-	-	-	-	5,452	-	200	3	-	-
Leasure No. 1	Indiana	2,227	-	-	-	-	-	2,227	-	219	6	-	-
Capizzi Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Joseph No. 1 Strip	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Chilenski Brothers Coal Co.	Indiana	-	-	1,900	-	-	-	1,800	-	200	2	-	-
Chilenski No. 1	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Clawson Coal Co.	Indiana	-	-	167	-	-	-	167	-	56	5	-	-
Clawson No. 1	Indiana	1,779	-	-	-	-	-	1,779	-	30	13	-	-
Clearfield Bituminous Coal Corp.	Indiana	41,321	-	-	-	-	-	41,321	-	125	47	-	-
Pine No. 2 Dip	Indiana	43,100	-	-	-	-	-	43,100	-	60	60	-	-
Harr No. 1	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Total													
Cymbria Fuel Co., Inc.	Indiana	1,437	-	-	-	-	-	1,437	-	53	8	-	-
Bowers No. 5 Strip	Indiana	-	-	800	-	-	-	800	-	4	4	-	-
Dalesio Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Dalesio No. 1	Indiana	-	-	1,260	-	-	-	1,260	-	252	1	-	-
Ellen Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Ellen No. 1	Indiana	-	-	19,321	-	-	-	19,321	-	200	5	-	1
L. & S. Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
No. 5	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Edwards Brothers Coal Co.	Indiana	-	-	1,133	-	-	-	1,133	-	103	2	-	-
Edwards No. 1	Indiana	-	-	-	-	-	-	-	-	-	-	-	-

District 25

Operators and Mines	County	Production of coal and coke - net tons							Non-fatal accidents
		Shipped to market	By rail	By water	By trucks	Coal used locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke	
							Total production of coal	Total production of coke	Fatal accidents
								Days worked	No. of employees
F. P. & K. Coal Co.									
Moros	Indiana	-	-	-	3,000	-	-	-	2
Fetsko & Stear Coal Co.	Indiana	-	-	-	250	-	3,000	-	3
Washington No. 2	Indiana	-	-	-	-	-	250	-	6
Foehrenbach Coal Co., L. H.	Indiana	-	-	-	25,474	784	26,258	-	2
No. 3 Strip	Indiana	-	-	-	1,233	-	1,233	-	3
Fulmer Coal Co.	Indiana	-	-	-	3,800	-	3,800	-	2
Fulmer	Indiana	-	-	-	4,330	-	4,330	-	3
Gaston Coal Co.	Indiana	-	-	-	3,439	-	3,439	-	2
Botsford	Indiana	-	-	-	-	-	-	-	8
Glasser Coal Co.	Indiana	-	-	-	-	-	-	-	5
Glaser No. 5	Indiana	-	-	-	-	-	-	-	1
Glory Coal Co.	Indiana	-	-	-	-	-	-	-	1
Glory No. 1	Indiana	-	-	-	-	-	-	-	1
Pine No. 1 Cleaning Plant (c)	Indiana	-	-	-	-	-	-	-	1
Total		-	-	-	3,439	-	3,439	-	1
H. & H. Coal Co.									
Wayne No. 1	Indiana	6,501	-	-	-	-	6,501	-	6
Wayne No. 2	Indiana	81,464	-	-	-	-	81,464	-	58
Wayne No. 3	Indiana	150	-	-	-	-	150	-	5
Commodore Cleaning Plant	Indiana	-	-	-	-	-	-	-	2
Total		82,115	-	-	-	-	82,115	-	71
H. & J. Coal Co.									
H. & J. No. 1	Indiana	-	-	-	4,855	-	-	-	5
Harter Coal Co.	Indiana	-	-	-	-	-	-	-	1
Leonard No. 1	Indiana	8,113	-	-	-	-	8,113	-	12
Imperial Coal Corp.	Indiana	262,296	-	-	8,224	-	270,751	-	99
Imperial Keystone Cleaning Plant	Indiana	262,296	-	-	8,224	-	270,751	-	20
Total		262,296	-	-	8,224	-	270,751	-	111
James Coal Mining Co.									
Glenside No. 6	Indiana	2,916	-	-	-	-	2,916	-	10
Glenside Slope	Indiana	494	-	-	-	-	494	-	4
Total		3,410	-	-	-	-	3,410	-	14
Jarvie & Harwick Coal Co.									
J. & H.	Indiana	-	-	-	919	-	919	-	2

District 25

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used		Coal used in		Total		Total	
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	manufacture of coke	production of coal	of coke	production of coke	of coke
Kolo-See Coal Co.	Indiana	-	-	13,231	10	-	-	13,241	-	275	4
Victor No. 32	Indiana	-	-	17,069	-	-	-	17,069	-	112	15
Krolick Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-
Leasure Brothers Coal Co.	Indiana	33,549	-	-	-	-	-	33,549	-	173	5
Leasure Strip	Indiana	-	-	-	-	-	-	-	-	-	-
Magnant Coal Co.	Indiana	-	-	300	-	-	-	300	-	60	3
Magnant No. 2	Indiana	-	-	-	-	-	-	-	-	-	-
Marion Center Mining Co.	Indiana	44,050	-	-	-	-	-	44,050	-	191	11
Green No. 2 Strip	Indiana	7,272	-	-	-	-	-	7,272	-	31	11
Marion Center No. 1 Strip	Indiana	-	-	-	-	-	-	-	-	31	2
Marion Center Cleaning Plant	Indiana	-	-	-	-	-	-	-	-	-	-
Total		51,322	-	-	-	-	-	51,322	-	24	24
Marldis Run Coal Co.	Indiana	-	-	8,763	-	-	-	8,763	-	69	7
Krolick No. 2 (b)	Indiana	-	-	-	-	-	-	-	-	-	-
McKee Coal Co.	Indiana	-	-	355	-	-	-	355	-	55	1
McKee No. 1	Indiana	-	-	-	-	-	-	-	-	-	-
Mears Coal Co.	Indiana	1,920	-	-	-	-	-	1,920	-	195	3
No. 1	Indiana	32,510	-	-	-	-	-	32,510	-	204	11
No. 2 Strip	Indiana	34,330	-	-	-	-	-	34,330	-	13	13
Total		-	-	-	-	-	-	-	-	-	-
Moose & Johnson Coal Co.	Indiana	-	-	576	-	-	-	576	-	61	2
Moose & Johnson	Indiana	-	-	-	-	-	-	-	-	-	-
Morrisdale Coal Mining Co., The	Indiana	268,125	-	-	-	-	-	268,125	-	243	108
Clyner No. 2	Indiana	-	-	-	-	-	-	-	-	243	19
Clyner No. 2 Cleaning Plant	Indiana	268,125	-	-	-	-	-	268,125	-	127	127
Total		-	-	-	-	-	-	-	-	-	-
Morrone Coal Co.	Indiana	42,926	-	-	-	-	-	42,926	-	260	6
Morrone No. 10 Strip	Indiana	-	-	-	-	-	-	-	-	-	-
Neal Coal Co.	Indiana	-	-	3,834	-	-	-	3,834	-	250	4
Neal	Indiana	-	-	-	-	-	-	-	-	-	-
Michenke Coal Co.	Indiana	-	-	-	1,861	-	-	1,861	-	64	6
Black Diamond (f)	Indiana	-	-	-	-	-	-	-	-	-	-
B. & H. Coal Co.	Indiana	-	-	1,414	-	-	-	1,414	-	229	2
O. & H. No. 2	Indiana	-	-	-	-	-	-	-	-	-	-
I. & N. Coal Co., Inc.	Indiana	17,499	-	-	-	-	-	17,499	-	166	7
Marion Center Strip	Indiana	-	-	-	-	-	-	-	-	-	-

District 25

Operators and Mines		Production of coal and coke - net tons									
County	Shipped to market	By rail		By truck		Coal used for domestic purposes		Coal used for heat & power at mine		Coal used in manufacture of coke	
		water									
										Total production of coal	Total production of coke
Indiana	-	-	-	260	-	-	-	-	-	260	-
Indiana	-	-	-	6,502	-	-	-	-	-	6,502	-
Indiana	-	-	-	1,694	-	-	-	-	-	1,694	-
Indiana	5,848	-	-	-	-	-	-	-	-	5,848	-
Indiana	41,793	-	-	-	-	-	-	-	-	41,793	-
Total	47,641	-	-	-	-	-	-	-	-	47,641	-
Indiana	-	-	-	560	-	-	-	-	-	560	-
Indiana	-	-	-	508	-	-	-	-	-	508	-
Total	-	-	-	1,068	-	-	-	-	-	1,068	-
District Total	2,626,130	-	-	182,265	15,635	1,109	372,266	3,197,405	229,597	200	1,697

Production Per Fatal - No Fatal
Stripping Production 318,769 - Stripping Employees 126

NOTE: (a) Formerly operated by Mehenke Coal Co. (e) Formerly operated by Krolick Coal Co.
(b) Ceased operation. (f) Now being operated by Black Diamond Coal Co.
(c) Portion of the formerly called Pine Township Cleaning Plant. (a) 249,764 tons purchased from Rochester & Pittsburgh Coal Co. for the manufacture of coke.
(d) Mine leased to Marlins Run Coal Co.

District 26

Clark Coal Co., Inc., Wm.	-	-	-	15,929	-	-	-	-	-	15,929	-
William Clark	-	-	-	1,880	-	-	-	-	-	1,880	-
Hofrichter Coal Co.	-	-	-	2,134	-	-	-	-	-	2,134	-
Hofrichter	-	-	-	169	-	-	-	-	-	169	-
M. & E. Co.	-	-	-	-	-	-	-	-	-	-	-
No. 1 Strip (a)	-	-	-	-	-	-	-	-	-	-	-
Marth, Kiffer & Maxwell	-	-	-	-	-	-	-	-	-	-	-
Marth Strip (a)	-	-	-	-	-	-	-	-	-	-	-

District 27

Operators and Mines	County	Production of coal and coke - net tons										No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market	Coal used locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke	Days worked	No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents			
B. B. & B. Coal Co.														
Bailey, Robert	Clearfield	-	405	-	-	430	-	130	2	-	-			
Bailey No. 2 Strip	Clearfield	177,578	-	-	-	177,578	-	216	29	-	1			
Bauman Coal Co., Russell														
Bauman No. 1	Clearfield	-	-	-	-	1,874	-	120	4	-	-			
Belfast Coal Co.														
Belfast No. 3 Strip	Clearfield	23,867	-	-	-	23,867	-	294	10	-	1			
Benjamin Coal Co.														
Benjamin Strips	Clearfield	441,537	-	-	-	457,053	-	296	93	-	2			
Benjamin Cleaning Plant	Clearfield	-	-	-	-	-	-	-	15	-	-			
Total		441,537	15,516	-	-	457,053	-	-	108	-	2			
Bickford Coal Co., Edna														
Bickford No. 1	Clearfield	-	-	-	-	91	-	30	2	-	-			
Bookwalter Brothers Coal Co. (a)														
Bookwalter No. 1 Strip	Clearfield	7,387	-	-	-	7,387	-	162	4	-	-			
Bowers Stripping Contractor, Geo.														
Bowers No. 6 Strip	Clearfield	-	-	-	-	506	-	39	5	-	-			
Bowman Coal Co., W. C.														
Leland No. 1 Strip	Clearfield	-	-	-	-	8,539	-	192	4	-	-			
Bradford Coal Co.														
Hoyt	Clearfield	11,797	-	-	-	11,797	-	200	11	-	-			
Motter Mining & Excavating														
(Cooper Smokeless No. 2) Strip	Clearfield	42,404	-	-	-	68,150	-	253	16	-	2			
Orrlando Brothers Coal Co.														
(Shannon Smokeless No. 1) Strip	Clearfield	40,000	-	-	-	42,233	-	261	11	1	1			
Sinca Mining Co.														
(Cooper Smokeless No. 2) Strip	Clearfield	37,305	-	-	-	62,175	-	210	18	-	-			
John Thompson Strip														
(Shannon Smokeless No. 1) Strip	Clearfield	29,763	-	-	-	29,763	-	273	8	-	-			
Taylor Strip														
(Cooper Smokeless No. 2) Strip	Clearfield	-	-	-	-	5,653	-	160	3	-	-			
S. & D. Trucking														
(Cooper Smokeless No. 2) Auger	Clearfield	-	-	-	-	6,186	-	200	3	-	-			
Darrel Green														
(Cooper Smokeless No. 2) Auger	Clearfield	-	-	-	-	1,940	-	200	3	-	-			

District 27

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used locally for		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal	Total production of coke
		By rail	By water	By truck	By domestic purposes					of coal	of coke
										worked	days
Operators and Mines	County										
Bradford Coal Co. (Cont.)											
Tipple	Clearfield	161,269	-	-	-	-	-	-	-	227,797	88
Burnett Coal Co., Albert											
Burnett E.	Clearfield	-	-	5,870	-	-	-	-	-	5,870	16
C. & S. Coal Co.	Clearfield	-	-	-	500	-	-	-	-	500	2
Cambria Clearfield Mining Co.											
Springfield No. 6	Clearfield	409,593	-	7,214	-	-	-	-	-	416,807	193
Cleaning Plant	Clearfield	409,593	-	7,214	-	-	-	-	-	416,807	10
Cambria Mills Coal Co.											
Apple No. 4 (b)	Clearfield	2,409	-	60	-	-	-	-	-	2,469	3
Apple No. 5	Clearfield	9,840	-	132	400	-	-	-	-	10,372	10
Cannons Coal Mining Co.											
Cannons No. 5 Strip	Clearfield	12,249	-	192	400	-	-	-	-	12,841	13
Campbell Run Coal Co.											
Wiley No. 1	Clearfield	14,463	-	-	-	-	-	-	-	14,463	10
Carson Coal Co., M. H.											
Carson No. 1 Strip	Clearfield	-	-	-	2,000	-	-	-	-	2,000	4
Caskey Coal Co., Harold											
Caskey No. 3 (c)	Clearfield	45,540	-	3,000	-	-	-	-	-	48,540	19
Central Moshannon Coal Mining Co.											
Moshannon No. 3 Strip	Clearfield	1,050	-	-	870	-	-	-	-	1,920	4
Clearfield Limestone Corp.											
Harrier Strip	Clearfield	28,885	-	-	-	-	-	-	-	28,885	19
Condon Coal Co., Elinor H.											
Condon No. 1	Clearfield	26,886	-	-	-	-	-	-	-	26,886	9
Copenhafer Coal Co., James											
Glenmar No. 1	Clearfield	-	-	2,000	-	-	-	-	-	2,000	4
Creekside Coal Co.											
Creekside No. 1	Clearfield	11,574	-	-	-	-	-	-	-	11,574	16
D. & E. Coal Co.											
D. & E. No. 1 (b)	Clearfield	-	-	-	172	-	-	-	-	172	2
Dale Coal Co., Fred A.											
Dale No. 2	Clearfield	784	-	-	-	-	-	-	-	784	2
	Clearfield	-	-	275	-	-	-	-	-	275	3

District 27

Operators and Mines	County	Production of coal and coke - net tons							No. of em- ployes	Fatal accidents	Non- fatal accidents
		Shipped to market	By rail	By water	By truck	Coal used for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Days worked	Fatal accidents
Dale & Elensky Coal Co.	Clearfield	-	-	-	6,195	-	-	-	6,195	238	9
Diamond T. Strip Mining Corp.	Clearfield	169,396	-	-	-	-	-	-	169,396	235	39
Lost Run Strip	Clearfield	13,013	-	-	-	-	-	-	13,013	111	3
Briar Knob Coal Co. Auger	Clearfield	3,240	-	-	-	50	-	-	3,290	67	4
Botts Estate Strip	Clearfield	186,239	-	-	-	50	-	-	186,289	-	46
Total											
Dick Coal Co.	Clearfield	-	-	-	-	632	-	-	632	70	2
Dick No. 1	Clearfield	2,920	-	-	-	-	-	-	2,920	75	6
Dick No. 2 (d)	Clearfield	2,920	-	-	-	632	-	-	3,552	-	8
Total											
Elensky Coal Co., John	Clearfield	14,925	-	-	-	-	-	-	14,925	232	14
Shannon D.	Clearfield	-	-	-	-	-	-	-	-	-	-
Elliot Coal Mining Co., Inc.	Clearfield	-	-	-	-	17,074	-	-	17,074	307	8
Wester Coal Co. Strip	Clearfield	-	-	-	-	-	-	-	-	-	-
Fenush Coal Co., Andrew	Clearfield	-	-	-	-	1,015	-	-	1,015	100	1
Fenush No. 1	Clearfield	1,412	-	-	1,935	-	-	-	3,347	73	3
Fenush Coal Co., Carl	Clearfield	7,011	-	-	-	125	-	-	7,136	150	13
Fenush No. 1 Strip (e)	Clearfield	24,020	-	-	3,196	1,554	-	-	32,810	205	8
Finch Coal Co., Mike	Clearfield	-	-	-	-	-	-	-	-	-	-
Finch No. 1	Clearfield	-	-	-	-	-	-	-	-	-	-
Flango Brothers Coal Co.	Clearfield	-	-	-	-	-	-	-	-	-	-
Flango No. 1 Strip	Clearfield	-	-	-	-	-	-	-	-	-	-
Freeman Coal Co., W. R.	Clearfield	-	-	-	-	-	-	-	-	-	-
Freeman No. 1 Strip	Clearfield	-	-	-	1,723	-	-	-	1,723	50	3
Friday Coal Co., Conrad F.	Clearfield	-	-	-	-	1,475	-	-	1,475	186	2
Friday No. 1	Clearfield	-	-	-	-	-	-	-	-	-	-
Frisco, Harry	Clearfield	-	-	-	-	205	-	-	205	70	1
Frisco	Clearfield	-	-	-	-	-	-	-	-	-	-
Fundack Brothers Coal Co.	Clearfield	-	-	-	-	620	-	-	620	96	2
Wilkes No. 2 (f)	Clearfield	-	-	-	-	-	-	-	-	-	-
Wenesh & Kafelsky Coal Co.	Clearfield	-	-	-	-	594	-	-	594	140	2
G. & R. No. 1 (g)	Clearfield	-	-	-	-	-	-	-	-	-	-
Guthrie, Inc., W. G.	Clearfield	-	-	-	-	-	-	-	-	-	-
Briar Knob Coal, Inc. Auger (h)	Clearfield	3,770	-	-	-	-	-	-	3,770	111	3
Guthrie Coal Co.	Clearfield	-	-	-	-	701	-	-	701	124	2
Guthrie No. 1	Clearfield	-	-	-	-	-	-	-	-	-	-
Hamilton Coal Co., John	Clearfield	-	-	-	-	262	-	-	262	100	1
Hamilton No. 1	Clearfield	-	-	-	-	-	-	-	-	-	-

District 27

		Production of coal and coke - net tons											
		Shipped to market		Coal used locally for domestic purposes		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal and coke			
County		By rail	By water	By truck	for	at mine	of coke	of coal	of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
Operators and Mines	Larson & Emanuelson (Cont.)												
	Cagle No. 9	877	-	-	-	-	-	877	-	100	2	-	-
	Total	3,902	-	-	-	-	-	3,902	-	-	8	-	-
	Lash Coal Co., Joseph & George												
	Lash No. 1	-	-	-	1,983	-	-	1,983	-	185	2	-	-
	Meyer Coal Co., J. Bruce												
	Clover Hill No. 1	-	-	5,160	-	-	-	5,160	-	160	5	-	-
	Clover Hill No. 2	-	-	4,109	-	-	-	4,109	-	200	3	-	-
	Total	-	-	9,269	-	-	-	9,269	-	-	8	-	-
	Minds, J. Arthur												
	Minds No. 2 Strip	-	-	-	2,817	-	-	2,817	-	60	3	-	-
	Netterblade & Almgreen Coal Co.												
	N. & A. No. 1	-	-	-	1,274	-	-	1,274	-	178	3	-	-
	Opalicky Coal Mine, Mott												
	Mott No. 1 (e)	-	-	-	282	-	-	282	-	94	1	-	-
	Owens Mining Co.												
B. & B. No. 1	12,470	-	-	-	-	-	12,470	-	189	16	-	4	
Penbrook Contracting Corp.													
Shilo Strip	66,997	-	-	-	-	-	66,997	-	240	15	-	-	
Pollisino & Krause Coal Co.													
P. & K. No. 22 Strip	-	-	19,237	-	-	-	19,237	-	237	9	-	-	
Powell Coal Co., C. E.													
Boardman Strip	70,340	-	-	-	-	-	70,340	-	145	30	-	1	
Irvona Strip	15,300	-	-	-	-	-	15,300	-	40	-	-	-	
Total	89,140	-	-	-	-	-	89,140	-	-	30	-	-	
Quier Coal Co.													
F. & B. No. 1	-	-	6,317	-	-	-	6,317	-	230	7	-	1	
Ransford Coal Co.													
Cannos No. 1	13,952	-	-	-	-	-	13,952	-	206	10	-	1	
Head Coal Co., Lloyd & Earl													
Head No. 1	-	-	-	644	-	-	644	-	90	2	-	-	
Middle Coal Co., George													
Middle	-	-	-	3,965	-	-	3,965	-	171	6	-	-	
Kitchie & Croft Coal Co.													
Valley No. 1 (b)	-	-	1,684	-	-	-	1,684	-	80	-	-	-	
Silver Hill Coal Co.													
Silver Hill No. 3 Strip	22,943	-	-	-	-	-	22,943	-	240	8	-	-	

District 27

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used locally for		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal	Total production of coke
		By rail	By water	By truck	for domestic purposes	for heat & power	at mine	of coke	of coke		
Woolridge Coal Co.	Clearfield	57,898	-	-	-	20	-	-	-	57,918	-
Orchard No. 8	Clearfield	28,212	-	6,477	215	-	-	-	-	34,904	-
Peerless Fuel Co., Inc. Strip Total		86,110	-	6,477	215	20	-	-	-	92,822	-
Yorkshire Coal Co.	Clearfield	4,414	-	-	-	-	-	-	-	4,414	-
Homestead	Clearfield	6,127	-	-	-	-	-	-	-	6,127	-
Youdon Coal Co., Kathyrn	Clearfield	-	-	-	-	-	-	-	-	1,280	-
Victor No. 18	Clearfield	-	-	-	-	-	-	-	-	1,280	-
Zakutney & Grove Coal Co.	Clearfield	-	-	-	-	-	-	-	-	1,280	-
Katy No. 1	Clearfield	-	-	-	-	-	-	-	-	1,280	-
Zelenky Coal Co., John & Joseph	Clearfield	-	-	1,534	-	-	-	-	-	1,534	-
Zelenky No. 1	Clearfield	-	-	-	-	-	-	-	-	1,534	-
District Total		2,210,031	-	249,401	51,959	26	-	-	-	2,511,317	-

Production Per Fatal - 2,511,317

Stripping Production 1,707,082 - Stripping Employees 566

NOTE: (a) Moved to 31st District during 1960.
 (b) Temporarily abandoned.
 (c) Sold to Frank Stonier January 1, 1961.
 (d) Formerly Wheeler No. 1 mine.
 (e) Abandoned.
 (f) Formerly Mosely & Kephart.

(g) Formerly Albert Morse mine.
 (h) Completed and backfilled.
 (i) Completed, backfilled and leveled.
 (j) Completed and abandoned.
 (k) Now being operated as the Dick No. 2 mine of the Dick Coal Co.

District 28

Operators and Mines	County	Production of coal and coke - net tons	Days of employment	No. of employees	Fatal accidents	Non-fatal accidents
A. & C. Coal Co.	Cambria	-	-	-	-	-
A. & C.	Cambria	-	883	-	112	4
Baker & Son Coal Co.	Cambria	-	592	-	126	3
Baker	Cambria	-	-	-	-	-
Beck Coal Co.	Cambria	-	1,655	-	136	5
No. 2	Cambria	-	-	-	-	-
Bethlehem Mines Corp.	Cambria	-	338	-	195	632
No. 31	Cambria	724,330	5,922	-	737,050	21

District 28

Operators and Mines		Production of coal and coke - net tons									
		Shipped to market	Coal used locally	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
	County	By rail	By water	By truck	By domestic purposes	for heat & power at mine	used in manufacture of coke	at mine	of coke	of coke	of coke
Bethlehem Mines Corp. (Cont.)											
No. 31 Cleaning Plant	Cambria	-	-	-	-	-	-	-	-	-	-
No. 72 (a)	Cambria	292,544	-	-	102	-	-	-	292,646	11	2
Total		1,014,877	-	8,466	6,024	338	-	-	1,029,705	177	29
Billow Coal Co.											
Billow	Cambria	-	-	-	642	-	-	-	642	210	2
Bisch Coal Co.											
Bisch	Cambria	-	-	-	207	-	-	-	207	90	2
Black Diamond Coal Co.											
Black Diamond	Cambria	-	-	-	1,100	-	-	-	1,100	132	3
Brookdale Coal Co.											
Seese No. 5	Cambria	-	-	-	2,151	5	-	-	2,156	166	2
Commercial Coal Co.											
Commercial No. 4	Cambria	-	-	-	1,118	-	-	-	1,118	175	4
Driscoll Mining Co.											
Driscoll No. 4 (b)	Cambria	-	-	-	-	-	-	-	-	57	21
Edminston Coal Co.											
Edminston	Cambria	-	-	-	621	-	-	-	621	152	2
Esgro Brothers Coal Co.											
Esgro	Cambria	-	-	-	2,062	30	-	-	2,092	146	4
Hiysota Fuel Co., Inc.											
Hiysota No. 2 Strip	Cambria	-	-	42,808	-	-	-	-	42,808	255	7
Hiysota Auger (c)	Cambria	-	-	1,901	-	-	-	-	1,901	41	3
Total		-	-	44,709	-	-	-	-	44,709	10	-
Jackson Coal Co.											
Jackson (d)	Cambria	-	-	2,550	-	-	-	-	2,550	75	4
Coat Hill No. 1 South	Cambria	-	-	350	-	-	-	-	350	15	-
Total		-	-	2,900	-	-	-	-	2,900	4	-
Jackson Hill Coal Co.											
Jackson No. 17 Strip	Cambria	484	-	1,416	-	-	-	-	1,900	18	2
Jones Coal Co., E. L.											
Jones No. 1 Strip	Cambria	-	-	5,970	-	-	-	-	5,970	102	6
Kozak Coal Co.											
Jackson No. 20	Cambria	-	-	-	160	-	-	-	160	76	2
Lanzendorfer Trucking Co.											
Rager Hollow No. 2	Cambria	-	-	-	1,783	-	-	-	1,783	156	2

District 28

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market		Coal used		Coal used in		Total production		Total production	
		By rail	By water	By truck	for domestic purposes	for heat & power at mine	used in manufacture of coke	of coal	of coke	Days worked	No. of employees
Lytle Coal Co.	Cambria	-	-	-	400	-	-	400	-	100	3
Lincoln May Coal Co.	Cambria	-	-	-	547	-	-	547	-	143	3
Meegan Coal Co. D-11 (e)	Cambria	-	-	-	599	-	-	599	-	77	3
Odia Coal Co.	Cambria	-	-	-	578	-	-	578	-	35	3
Odda No. 1 (c)	Cambria	-	-	-	180	10	-	190	-	30	3
Park Hill Coal Co.	Cambria	-	-	-	555	-	-	555	-	100	2
Petree Coal Co.	Cambria	-	-	-	1,620	-	-	1,620	-	192	3
Petrowski Coal Co.	Cambria	-	-	-	60	-	-	69	-	29	2
Ressler Coal Co.	Cambria	-	-	-	475	-	-	475	-	94	1
Rummel Coal Co.	Cambria	-	-	-	585	-	-	585	-	116	3
Runnel	Cambria	-	-	-	180	15	-	1,360	-	102	10
Slifko Coal Co.	Cambria	-	-	-	180	15	-	1,360	-	50	2
Standard Collieries, Inc.	Cambria	-	-	-	180	15	-	1,360	-	50	2
Dibert No. 2	Cambria	-	-	-	180	15	-	1,360	-	50	2
Standard Collieries Cleaning Pl.	Cambria	-	-	-	180	15	-	1,360	-	50	2
Total		-	-	-	1,790	15	-	1,790	-	60	2
Stock Coal Co.	Cambria	-	-	-	800	-	-	800	-	108	8
Tanneryville Coal Co.	Cambria	-	-	-	810	-	-	1,812	-	2	2
Fanneryville No. 1	Cambria	1,000	-	-	10	-	-	150	-	22	2
Ugoletti Coal Co.	Cambria	-	-	-	150	-	-	508	-	170	2
Ugoletti No. 2	Cambria	-	-	-	309	-	-	309	-	30	2
Watson Coal Co.	Cambria	-	-	-	1,100	-	-	1,100	-	131	4
Watson (f)	Cambria	-	-	-	1,790	-	-	1,790	-	6	6
West End Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-
West End No. 1	Cambria	-	-	-	-	-	-	-	-	-	-
West End Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-
West End No. 3	Cambria	-	-	-	-	-	-	-	-	-	-
West End No. 5	Cambria	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	1,790	15	-	1,790	-	60	2

District 28

Operators and Mines	County	Production of coal and coke - net tons						Total production of coke	Total production of coal	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
		Shipped to market	By rail	By water	By truck	for domestic purposes	for heat & power at mine	of coke	of coal				
District Total		1,016,361	-	-	63,641	29,850	405	-	1,110,257	-	178	961	33

Production Per Fatal - No Fatal

Stripping Production 50,678 - Stripping Employees 15

NOTE: (a) This coal was delivered to the Johnstown Plant of the Bethlehem Steel Co., the mine was closed November 18, 1960, until further notice.
 (b) Formerly Vinton No. 6 Mine, Collins Fuel Co., re-open by Driscoll Mining Co., November 1, 1960, expected to start production of coal January, 1961.
 (c) New mine.
 (d) This mine was abandoned, and the men and material were transferred to the Goat Hill No. 1 South Mine.
 (e) Discontinued operation April, 1960.
 (f) Ceased operation March, 1960.

District 29

Allegheny-Pittsburgh Coal Co. Springdale (a)	Allegheny Westmoreland	416,923 250,938	- -	- -	330 -	- -	- -	- -	417,253 250,938	- -	216 115	212 115	- -	14 -
Total		667,861	-	-	-	330	-	-	668,191	-	-	327	-	14
Hall, Inc., J. M. & J. M., Jr. Hall No. 6 Strip	Allegheny	-	-	-	3,768	-	-	-	3,768	-	76	2	-	-
Harmar Coal Co. Oakmont	Allegheny	-	-	-	-	-	-	-	288,797	-	126	219	-	3
Harris Coal Co. Davidson	Allegheny	-	-	-	587	-	-	-	587	-	95	2	-	-
National Mines Corp. Renton	Allegheny	282,565	390,761	67,487	476	444	-	-	741,733	-	169	292	1	18
Renton Cleaning Plant	Allegheny	-	-	-	-	-	-	-	-	-	169	32	-	-
Total		282,565	390,761	67,487	476	444	-	-	741,733	-	-	324	1	18
Republic Steel Corp. Newfield	Allegheny	347,366	-	-	-	391	-	-	347,757	-	120	210	-	-
Russellton	Allegheny	736,385	-	-	144	554	-	-	737,083	-	213	284	-	4
Russellton Cleaning Plant	Allegheny	-	-	-	-	-	-	-	-	-	-	38	-	-
Total		1,083,751	-	-	144	945	-	-	1,084,840	-	-	532	-	4

District 30

Production of coal and coke - net tons

Operators and Mines	County	Shipped to market		Coal used		Coal used in		Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
		By rail	By water	By trucks	for domestic purposes	for heat & power at mine	used in manufacture of coke					
Krolick Coal Co.	Indiana	7,400	-	-	-	-	-	7,400	-	36	-	-
Watson No. 1 (c)	Indiana	-	-	-	-	-	-	-	36	4	-	-
Watson No. 1 Cleaning Plant		7,400	-	-	-	-	-	7,400	-	38	-	-
Total												
Lauer & Sons, C. E.	Indiana	39,655	-	-	-	-	-	39,655	-	229	-	1
Dutch No. 1 Strip	Indiana	-	-	-	235	-	-	235	-	80	-	-
Lawhead Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-	-
Lydick Coal Co.	Indiana	-	-	-	3,241	-	-	3,241	-	180	-	-
Graceton Six Flat	Indiana	-	-	-	-	-	-	-	-	-	-	-
Lynch, Thomas E.	Indiana	-	-	-	412	-	-	412	-	92	-	-
Heeney	Indiana	-	-	-	-	-	-	-	-	-	-	-
McClintsey, Lewis	Indiana	-	-	-	249	-	-	249	-	52	-	-
Craig	Indiana	-	-	-	-	-	-	-	-	-	-	-
McCracken, Daniel	Indiana	-	-	-	4,256	-	-	4,256	-	150	-	-
McCracken No. 1	Indiana	-	-	-	-	-	-	-	-	-	-	-
Metalla Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-	-
Hutzel (c)	Indiana	-	-	1,600	-	-	-	1,600	-	70	-	-
North American Coal Corp.	Indiana	-	-	-	-	-	-	-	-	-	-	-
Conemaugh (d)	Indiana	-	-	-	-	260,897(e)	-	260,897	-	184	-	5
Pauline Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-	-
Pauline	Indiana	-	-	-	2,746	-	-	2,746	-	140	-	1
Pennsylvania Coal & Coke, Div. of Fairbanks Whitney Corp.	Indiana	-	-	-	-	-	-	-	-	-	-	-
Heshbon No. 62 Cleaning Plant	Indiana	134,839	-	1,420	45	-	-	136,304	-	182	-	1
Heshbon No. 62 Cleaning Plant	Indiana	-	-	-	-	-	-	-	-	182	-	-
Total		134,839	-	1,420	45	-	-	136,304	-	52	-	1
Pobuski, Charles	Indiana	-	-	-	5,771	-	-	5,771	-	118	-	-
West Lebanon	Indiana	-	-	-	-	-	-	-	-	-	-	-
Richards Run Coal Co., Inc.	Indiana	-	-	530	-	-	-	530	-	22	-	-
Richards Run (f)	Indiana	-	-	-	-	-	-	-	-	-	-	-
Rochester & Pittsburgh Coal Co.	Indiana	4,945	-	-	-	-	-	4,945	-	12	-	1
Iselin Strip	Indiana	92,782	-	-	-	-	-	92,782	-	162	-	33
Kent No. 3 Strip	Indiana	132,578	-	-	984	-	-	133,704	-	202	-	1
Kent No. 8	Indiana	-	-	-	-	142	-	-	-	-	-	-
Kent No. 10	Indiana	85,186	-	-	1,776	139	-	87,101	-	63	-	1

District 30

Production of coal and coke - net tons

Operators and Mines	County	Shipped to market		Coal used		Coal used in		Total production of coal	Total production of coke	Days of employment	No. of employees	Fatal accidents	Non-fatal accidents
		By rail	By water	By domestic trucks	for local purposes	for heat & power at mine	manufacture of coke						
Rochester & Pittsburgh Coal Co. (Cont.)													
Kent No. 11	Indiana	113,988	-	-	-	-	-	113,988	-	203	30	-	1
McIntyre Gen. & Cleaning Plant	Indiana	-	-	-	-	-	-	-	-	191	49	-	2
Total		4,504,279	-	-	2,760	291	-	432,420	-	283	283	-	6
Sinclair Coal Co.													
No. 1 Strip	Indiana	51,706	-	-	-	-	-	51,706	-	235	10	-	1
Straw Coal Co.													
Smith (a)	Indiana	-	-	-	1,255	-	-	1,255	-	146	4	-	-
Sutilla Coal Co.	Indiana	-	-	-	2,604	-	-	2,604	-	141	3	-	-
William No. 2 Strip	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Thompson Coal Co.													
Thompson No. 3	Indiana	7,595	-	7,691	-	-	-	15,196	-	184	16	1	2
Toman Coal Co.													
Toman	Indiana	-	-	257	-	-	-	257	-	52	3	-	-
Tunus Mining Corp.													
Penn View (h)	Indiana	-	-	97	-	-	-	87	-	20	5	-	-
United States Bureau of Mines													
Experimental Mine	Indiana	-	-	-	-	50	-	50	-	250	11	-	1
White Ash Coal Co.													
Miller No. 2 (c)	Indiana	-	-	2,100	-	-	-	2,100	-	48	6	-	-
Wolcott, Clyde D. & Dale M.													
Wolcott No. 1 Strip	Indiana	3,600	-	-	1,238	-	-	4,838	-	709	2	-	-
District Total		4,504,279	-	7,947	4,000	6,238	-	1,014,930	-	160	788	3	21

Production of coal and coke - net tons

(a) Coal transported by conveyor to Pennsylvania Electric Power Plant.

(b) Formerly Miller No. 1 mine.

(c) Formerly operated by Smith Coal Co.

(d) New mine.

NOTE: (a) Formerly Erickson No. 1 mine.

(b) Equipment and material being withdrawn from mine.

(c) Ceased operating.

(d) Formerly operated by Commonwealth Mines Co.

District 31

Operators and Mines	County	Production of coal and coke - net tons										No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market	By rail	By water	By truck	Coal used for domestic purposes	Coal used for heat & power at mine	Coal used in manu- facture of coke	Total produc- tion of coal	Total produc- tion of coke	Days worked			
Bailey, Robert	Clearfield	48,232	-	-	-	-	-	-	48,232	-	111	14	-	1
Bailey No. 2 Strip	Clearfield	48,232	-	-	-	-	-	-	48,232	-	111	14	-	1
Belfast Coal Co.	Clearfield	28,000	-	-	-	-	-	-	28,000	-	294	5	-	-
Spencer No. 2 Strip	Clearfield	28,000	-	-	-	-	-	-	28,000	-	294	5	-	-
Betta Coal Co., James	Elk	-	-	-	953	-	-	-	953	-	104	5	-	-
Glen Fisher No. 3	Elk	-	-	-	953	-	-	-	953	-	104	5	-	-
Big Run Coal Co.	Clearfield	19,445	-	-	-	-	-	-	19,445	-	180	6	-	-
No. 1 B. Antes Strip	Clearfield	19,445	-	-	-	-	-	-	19,445	-	180	6	-	-
Blue Valley Coal Co.	Elk	-	-	-	64,820	-	-	-	64,820	-	222	50	-	1
Blue Valley No. 2	Elk	-	-	-	64,820	-	-	-	64,820	-	222	50	-	1
Bonfordine & Santo Coal Co.	Elk	-	-	-	3,300	-	-	-	3,300	-	250	2	-	-
B. & S.	Elk	-	-	-	3,300	-	-	-	3,300	-	250	2	-	-
Boron Coal Co.	Clearfield	122,476	-	-	-	-	-	-	122,476	-	249	31	-	-
Boron-Mt. Vernon No. 1 Strip	Clearfield	122,476	-	-	-	-	-	-	122,476	-	249	31	-	-
Boron No 7 Mine	Clearfield	18,344	-	-	-	-	-	-	18,344	-	225	14	-	-
Total	Clearfield	140,820	-	-	-	-	-	-	140,820	-	225	45	-	-
Bradford Coal Co.	Clearfield	53,135	-	-	-	-	-	-	53,135	-	252	10	-	2
Edmunds Cont. Strip	Clearfield	37,830	-	-	-	-	-	-	37,830	-	139	16	-	-
Skiles Excavating Strip	Clearfield	37,830	-	-	-	-	-	-	37,830	-	139	16	-	-
Total	Clearfield	90,965	-	-	-	-	-	-	90,965	-	26	26	-	2
Brooks Coal Co., Ray W.	Clearfield	16,464	-	-	3,526	-	-	-	19,990	-	294	12	-	-
Brooks No. 5 Strip	Clearfield	16,464	-	-	3,526	-	-	-	19,990	-	294	12	-	-
Brosky Coal Co., Frank	Elk	-	-	-	564	-	-	-	564	-	60	5	-	-
Brosky No. 2 Mine (a)	Elk	-	-	-	564	-	-	-	564	-	60	5	-	-
Brown Co., E. M.	Clearfield	59,744	-	-	34,791	-	-	-	94,535	-	252	41	-	-
Brown No. 5 Strip	Clearfield	59,744	-	-	34,791	-	-	-	94,535	-	252	41	-	-
Carlin, Inc., R. S.	Clearfield	37,400	-	-	118,205	-	-	-	155,605	-	312	61	-	-
Carlin No. 6 Strip	Clearfield	37,400	-	-	118,205	-	-	-	155,605	-	312	61	-	-
Chase & Teston Coal Co.	Elk	-	-	-	-	891	-	-	891	-	130	2	-	-
C. & T.	Elk	-	-	-	-	891	-	-	891	-	130	2	-	-
Compass Coal Co.	Clearfield	57,277	-	-	10,716	-	-	-	67,993	-	247	14	-	-
Penfield Strip	Clearfield	57,277	-	-	10,716	-	-	-	67,993	-	247	14	-	-
Cool Spring Mines	Elk	-	-	-	2,842	-	-	-	2,842	-	142	5	-	-
Scott No. 1	Elk	-	-	-	2,842	-	-	-	2,842	-	142	5	-	-
Crissman Coal Co., James T.	Clearfield	3,281	-	-	-	-	-	-	3,281	-	50	3	-	-
Pike Township Strip	Clearfield	3,281	-	-	-	-	-	-	3,281	-	50	3	-	-
Delullo Coal Co., Ralph	Elk	-	-	-	3,375	-	-	-	3,375	-	196	3	-	-
Delullo	Elk	-	-	-	3,375	-	-	-	3,375	-	196	3	-	-

District 31

County	Production of coal and coke - net tons					Total production of coke	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
	Shipped to market	Coal used locally for domestic purposes	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal					
Clearfield	142,202	-	-	-	142,202	-	270	35	-	1
	209,139	-	-	19,231	-	228,420	-	94	-	7
Total										
Maney Coal Co., Homer	26,110	-	-	5,409	-	34,519	-	15	-	-
Martell Mining Co.	-	-	-	3,000	-	3,000	-	4	-	-
McIntosh Coal Co.	21,541	-	-	-	-	21,541	-	10	-	-
Meyers Coal Co., Alfred	-	-	-	-	-	-	-	-	-	-
Meyers No. 1	-	-	-	389	-	389	-	1	-	-
Miller Coal Co., John	-	-	-	1,141	-	1,141	-	59	2	-
Limestone Strip	5,716	-	-	-	-	5,716	-	100	12	-
Moose Run Coal Co.	3,815	-	-	-	-	3,815	-	87	8	-
Proctor No. 3	9,531	-	-	-	-	9,531	-	20	-	-
Proctor No. 4	-	-	-	-	-	-	-	-	-	-
Total										
Moshannon Falls Mining Co., Inc.	70,420	-	-	3,028	-	73,448	-	297	10	-
Coal Ridge Mining Strip	69,107	-	-	-	-	69,107	-	54	-	-
Mt. Carmel No. 2	139,527	-	-	3,028	-	142,555	-	64	-	-
Total										
New Shawmut Mining Co.	13,405	-	-	-	-	13,405	-	201	5	-
Elk Salvage No. 1 Strip	14,023	-	-	-	-	14,023	-	194	5	1
Mixel Strip	3,981	-	-	-	-	3,981	-	151	3	-
Rhodes Strip	6,918	-	-	-	-	6,918	-	103	5	-
Betta Strip	2,093	-	-	-	-	2,093	-	99	3	-
McIntyre Strip	40,420	-	-	-	-	40,420	-	21	-	1
Total										
Owens Coal Co., S. F.	-	-	-	2,250	-	2,250	-	150	4	-
Owens No. 2	-	-	-	27,785	-	27,785	-	276	4	-
P. & K. Coal Co., Inc.	-	-	-	-	-	-	-	-	-	-
P. & K. Strip	-	-	-	-	-	-	-	-	-	-
P. & N. Coal Co., Inc.	79,226	-	-	-	-	79,226	-	232	26	-
Medix Run Strip	5,439	-	-	-	-	5,439	-	232	6	-
Bennetts Auger	84,665	-	-	-	-	84,665	-	32	-	-
Total										
Parziale Coal Co., Carmen	-	-	-	1,152	-	1,152	-	192	2	-
Parziale No. 1	-	-	-	-	-	-	-	-	-	-

District 31

Operators and Mines	County	Production of coal and coke - net tons						
		Shipped to market	By rail	By water	By truck	Coal used for domestic purposes at mine	Coal used for heat & power at mine	Coal used in manufacture of coke
Passmore Coal Co., Fred	Clearfield	-	-	-	634	-	-	634
Passmore No. 1	Clearfield	-	-	-	-	-	-	-
Penn State Coal Co.	Clearfield	106,571	-	-	-	-	-	106,571
Luthersburg Strip	Clearfield	-	-	-	-	-	-	-
Luthersburg Cleaning Plant	Clearfield	-	-	-	-	-	-	-
Total		106,571	-	-	-	-	-	106,571
Penoyer & Co., D. C.	Clearfield	83,404	-	-	-	-	-	83,404
Penoyer No. 1 Strip	Clearfield	36,369	-	-	-	-	-	36,369
Penoyer No. 3	Clearfield	120,273	-	-	-	-	-	120,273
Total		240,047	-	-	-	-	-	240,047
R. & U. Coal Co.	Clearfield	-	-	-	461	-	-	461
R. & U.	Clearfield	-	-	-	-	-	-	-
Reese Coal Co., Philip	Clearfield	-	-	-	2,750	-	-	2,750
Reese No. 1 Strip	Clearfield	-	-	-	-	-	-	-
Rishel & Menear Coal Co.	Clearfield	-	-	-	1,481	-	-	1,481
Cascade (d)	Clearfield	-	-	-	-	-	-	-
River Hill Coal Co.	Clearfield	81,319	-	-	-	-	-	81,319
River Hill Strip	Clearfield	-	-	-	-	-	-	-
Rydesky Coal Co., John	Clearfield	42,759	-	-	64,137	-	-	106,896
Rydesky Strip	Clearfield	-	-	-	-	-	-	-
Rydesky Cleaning Plant	Clearfield	-	-	-	-	-	-	-
Total		124,078	-	-	70,677	-	-	194,755
Sarnoski Sons, Walter	Clearfield	-	-	-	1,560	-	-	1,560
Sarnoski No. 1	Clearfield	-	-	-	-	-	-	-
Shawville Coal Co.	Clearfield	130,611	-	-	-	-	-	130,611
Shawville Strip	Clearfield	-	-	-	-	-	-	-
Stidinger Coal Co., George	Clearfield	-	-	-	169	-	-	169
Stidinger Valley	Clearfield	-	-	-	-	-	-	-
Slyder Coal Co., S. Brake	Clearfield	-	-	-	183	-	-	183
Slyder Strip	Clearfield	-	-	-	-	-	-	-
Smart & Maholtz Coal Co.	Clearfield	-	-	-	1,260	-	-	1,260
Proctor No. 7	Clearfield	-	-	-	-	-	-	-
Smith Coal Co., Edward	Clearfield	-	-	-	1,061	-	-	1,061
Imperial No. 3	Clearfield	-	-	-	-	-	-	-
Smith & Rogos Coal Co.	Clearfield	-	-	-	-	-	-	-
S. & R. Strip	Clearfield	1,160	-	-	1,160	-	-	2,320
Total		241,831	-	-	4,180	-	-	246,011

District 31

Operators and Mines	County	Production of coal and coke - net tons										No. of em- ployes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Coal used locally for domestic purposes		Coal used for heat & power at mine		Coal used in manu- facture of coke		Total produc- tion of coal	Total produc- tion of coke			
		By rail	By water	By truck							Days worked			
Smith & Zindell Coal Co.	Clearfield	-	-	20,158	-	-	-	-	-	20,158	-	215	6	-
Petes Strip	Clearfield	31,672	-	-	-	-	-	-	-	31,672	-	264	4	-
Spencer Construction Co.	Elk	18,333	-	-	-	-	-	-	-	18,333	-	300	4	-
Starr, Ivan, Jr.	Clearfield	-	-	5,130	-	-	-	-	-	5,130	-	154	7	1
Starr Strip	Clearfield	-	-	1,249	-	-	-	-	-	1,249	-	189	2	-
Underhill Coal Mining Co.	Elk	-	-	1,500	-	-	-	-	-	1,509	-	141	1	-
Tyler No. 14	Elk	-	-	6,480	-	-	-	-	-	6,480	-	58	15	-
Vanlorn Coal Co.	Elk	-	-	1,635	-	-	-	-	-	1,635	-	157	4	-
Vanlorn No. 2	Elk	-	-	10,939	-	-	-	-	-	10,939	-	194	5	-
Vollmer Coal Co., Lawrence	Clearfield	-	-	12,574	-	-	-	-	-	12,574	-	-	9	-
Vollmer Strip	Clearfield	-	-	527	-	-	-	-	-	527	-	81	2	-
Wabash Ridge Corp.	Elk	-	-	3,000	-	-	-	-	-	3,000	-	200	8	-
Midmont Strip (e)	Clearfield	26,430	-	-	-	-	-	-	-	26,430	-	241	8	-
Walburn Coal Co.	Clearfield	-	-	874	-	-	-	-	-	874	-	174	1	-
Bona No. 9 Strip	Elk	-	-	2,237	-	-	-	-	-	2,237	-	235	3	-
Bona No. 3	Elk	1,910,879	-	525,458	5,186	-	-	-	-	2,341,523	-	227	1,007	21
Total														
Welsh Coal Co., Charles	Clearfield	-	-	527	-	-	-	-	-	527	-	81	2	-
Askey No. 1 (d)	Elk	-	-	3,000	-	-	-	-	-	3,000	-	200	8	-
Williamson Coal Co., Hugh	Clearfield	26,430	-	-	-	-	-	-	-	26,430	-	241	8	-
Williamson No. 1	Clearfield	-	-	874	-	-	-	-	-	874	-	174	1	-
Wilson Coal Co., John	Elk	-	-	2,237	-	-	-	-	-	2,237	-	235	3	-
Breth Strip (f)	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-
Wrightsworth Coal Co., Teddy J.	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-
Wrightsworth No. 1	Elk	-	-	-	-	-	-	-	-	-	-	-	-	-
Zambanni & Brunelli Coal Co.	Elk	-	-	-	-	-	-	-	-	-	-	-	-	-
Proctor No. 1	Elk	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total		1,910,879	-	525,458	5,186	-	-	-	-	2,341,523	-	227	1,007	21

Production Per Fatal - No Fatal

Stripping Production 1,925,338 - Stripping Employees 646

NOTE: (a) Mine closed April 25, 1960.

(b) Mine closed in September, 1960.

(c) Mine changed its name to Mt. Zion Coal Co., September, 1960, personnel remained the same.

(d) Mine closed in April, 1960.

(e) Mine closed in May, 1960.

(f) Mine closed in October, 1960.

District 32

Operators and Mines	County	Production of coal and coke - net tons												
		Shipped to market		Coal used locally		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal and coke	Total production of coke	No. of employees	Fatal accidents	Non-fatal accidents
		By rail	By water	By truck	for domestic purposes	for heat & power	at mine	of coke	of coke	of coal	of coke	worked	days	
Alumbaugh Coal Co.														
Coleman Strip	Somerset	-	-	-	1,772	-	-	-	1,772	-	-	-	-	-
Hittie Strip	Somerset	-	-	-	1,837	-	-	-	1,837	-	-	-	-	-
Knepfer Strip	Somerset	1,962	-	-	-	-	-	-	1,962	-	-	120	12	-
Red Hot Strip	Somerset	4,459	-	500	-	-	-	-	4,959	-	-	-	-	-
Total		6,421	-	500	3,609	-	-	-	10,530	-	-	-	12	-
Arnold, Harvey														
Kutchman	Somerset	-	-	-	245	-	-	-	245	-	-	40	2	-
Arnold, Owen	Somerset	-	-	-	650	-	-	-	650	-	-	80	4	-
Arnold No. 2	Somerset	-	-	-	2,100	-	-	-	2,100	-	-	130	4	-
Miller	Somerset	-	-	-	2,750	-	-	-	2,750	-	-	-	8	-
Total		-	-	-	-	-	-	-	-	-	-	-	-	-
Baer, Walter														
Sipple	Somerset	-	-	-	250	-	-	-	250	-	-	45	2	-
Beachley, Dalton J.	Somerset	-	-	2,700	-	-	-	-	2,700	-	-	250	6	-
Beachley No. 2	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-
Beachy & Beachy	Somerset	-	-	3,939	-	-	-	-	3,939	-	-	125	5	-
Beam Coal Co., H. J.														
Beam No. 3	Somerset	-	-	7,517	1,300	-	-	-	9,817	-	-	208	14	1
Beemer & Cramer Coal Co.														
Bando Strip	Somerset	-	-	3,367	-	-	-	-	3,367	-	-	40	7	-
Bittner, Edward	Somerset	-	-	1,400	-	-	-	-	1,400	-	-	130	2	-
Bittner	Somerset	-	-	-	-	-	-	-	-	-	-	-	-	-
Bittner, Francis														
No. 2	Somerset	-	-	-	2,675	-	-	-	2,675	-	-	180	3	-
No. 3	Somerset	-	-	-	2,750	-	-	-	2,750	-	-	180	3	-
Total		-	-	-	5,425	-	-	-	5,425	-	-	-	6	-
Bodes Brothers														
Bodes	Somerset	-	-	-	343	-	-	-	343	-	-	41	3	-
Bowman, M. F.														
Bowman	Somerset	-	-	-	600	-	-	-	600	-	-	180	2	-
Bowman Construction Co.														
Sipple Strip	Somerset	-	-	-	350	-	-	-	350	-	-	10	5	-
Boynton Coal Co.														
Richard H.	Somerset	1,188	-	-	2,139	-	-	-	3,327	-	-	188	12	-
Brant, Franklin														
Landis Strip	Somerset	-	-	-	1,100	-	-	-	1,100	-	-	90	4	-

District 32

Operators and Mines	County	Production of coal and coke - net tons									
		Shipped to market	Coal used locally	Coal used for heat & power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke	Days worked	No. of employes	Fatal accidents	Non-fatal accidents
		By rail	By water	By truck	for domestic purposes						
Fogle Coal Co.	Somerset	3,029	-	-	500	-	-	3,529	-	64	18
Foy, Walter	Somerset	-	-	-	85	-	-	85	-	40	2
Fullerton, Joseph	Somerset	-	-	-	1,300	-	-	1,300	-	160	2
Gnagey	Somerset	-	-	-	-	-	-	-	-	-	-
Gary, Lester	Somerset	-	-	-	1,000	-	-	1,000	-	100	4
Gelfer, Fred	Somerset	-	-	-	1,831	-	-	1,831	-	260	3
Bert Iressler	Somerset	-	-	-	-	-	-	-	-	-	-
Hennkamp, King	Somerset	58,667	-	-	68	-	-	58,735	-	269	17
Weimer Strip	Somerset	1,238	-	-	-	-	-	1,238	-	15	7
Newcomer Strip	Somerset	59,955	-	-	68	-	-	60,023	-	-	24
Total											
Honeybar & Thomas	Somerset	-	-	4,504	-	-	-	4,504	-	117	16
H. & I.	Somerset	-	-	4,103	4	-	-	4,407	-	211	13
Horning Fuel Co.	Somerset	-	-	-	-	-	-	-	-	-	-
Horning No. 3	Somerset	-	-	-	60	-	-	60	-	10	3
Hutzell, Ray	Somerset	-	-	-	350	-	-	350	-	70	3
Hutzell	Somerset	-	-	-	2,500	-	-	2,500	-	200	4
Jones & Baer	Somerset	-	-	-	338	-	-	343	-	112	1
Jones	Somerset	-	-	-	130	-	-	136	-	17	3
Kennell, Robert	Somerset	-	-	-	575	-	-	575	-	120	1
Riser	Somerset	-	-	-	45	-	-	45	-	20	2
Klink, Dallas	Somerset	-	-	-	125	-	-	125	-	50	1
Knopsnyder, Edward	Somerset	-	-	-	400	-	-	200	-	100	3
Knopsnyder	Somerset	-	-	-	-	-	-	-	-	-	-
Kreger, Charles	Somerset	-	-	-	-	-	-	-	-	-	-
Huff No. 2	Somerset	-	-	-	-	-	-	-	-	-	-
Lyons, Irvin	Somerset	-	-	-	-	-	-	-	-	-	-
Lyons	Somerset	-	-	-	-	-	-	-	-	-	-
Lytile, H. A.	Somerset	-	-	-	-	-	-	-	-	-	-
Hensel	Somerset	-	-	-	-	-	-	-	-	-	-
M. & F. Coal Co.	Somerset	-	-	-	-	-	-	-	-	-	-
Decker	Somerset	-	-	-	-	-	-	-	-	-	-

District 22

Operators and Mines	County	Production of coal and coke - net tons						Total production of coke	Days worked	No. of employes	Fatal accidents	Non-fatal accidents
		Shipped to market	Coal used locally for domestic purposes	Coal used for heat and power at mine	Coal used in manufacture of coke	Total production of coal	Total production of coke					
Martin, George A.	Somerset	-	-	3,100	-	3,100	-	220	6	-	-	-
Silver Valley No. 2	Somerset	-	-	1,200	-	1,200	-	180	4	-	-	-
Silver Valley No. 3	Somerset	-	-	4,300	-	4,300	-	-	10	-	-	-
Total												
Mazzarella, Angelo	Somerset	19,039	-	480	-	20,119	-	221	5	-	-	-
Arrow No. 11 Strip	Somerset	-	-	60	-	60	-	20	3	-	-	-
McKenzie, Lee	Somerset	-	-	-	-	-	-	-	-	-	-	-
Sevits	Somerset	-	-	-	-	-	-	-	-	-	-	-
Merrill Brothers Coal Co.	Somerset	67,936	-	-	-	67,936	-	256	6	-	-	-
Church Strip	Somerset	-	4,954	-	-	4,954	-	100	2	-	-	-
Brant Strip	Somerset	67,936	-	4,954	-	71,990	-	-	8	-	-	-
Total												
Merrill Sons & Co., W. A.	Somerset	27,524	-	-	16	27,540	-	130	40	1	-	-
Ponfeigh Pine Hill	Somerset	9,249	-	-	-	8,249	-	196	3	-	-	-
Ponfeigh No. 6 Strip	Somerset	28,310	-	-	-	28,310	-	248	18	-	-	-
Ponfeigh No. 33 Strip	Somerset	18,974	-	-	-	18,874	-	248	-	-	-	-
Ponfeigh Smokeless No. 2 Strip	Somerset	28,338	-	-	-	28,338	-	248	-	-	-	-
Ponfeigh Hay Strip	Somerset	12,313	-	-	-	12,313	-	248	-	-	-	-
Ponfeigh Sayler Strip	Somerset	106,666	-	-	-	106,666	-	206	3	-	-	-
Ponfeigh Mt. Valley Strip	Somerset	-	-	-	-	-	-	130	4	-	-	-
Ponfeigh Pine Hill Cleaning Pl.	Somerset	-	-	-	-	-	-	206	-	-	-	-
Ponfeigh Mt. Valley Cleaning Pl.	Somerset	-	-	-	16	-	-	-	-	-	-	-
Total		230,274	-	-	-	230,290	-	63	1	-	-	-
Miller, Evan J.	Somerset	-	-	243	-	243	-	20	1	-	-	-
Miller Farm	Somerset	-	-	-	-	-	-	-	-	-	-	-
Miller Brothers Coal Co.	Somerset	-	-	980	-	980	-	180	4	-	-	-
Miller	Somerset	-	-	-	-	-	-	-	-	-	-	-
Miller Construction Co.	Somerset	-	-	400	-	400	-	130	5	-	-	-
Bodes	Somerset	-	-	-	-	-	-	-	-	-	-	-
Mosgraves, John H.	Somerset	-	-	614	-	614	-	160	5	-	-	-
Blue Lick Valley No. 2	Somerset	-	-	-	-	-	-	-	-	-	-	-
Mosholder, Harry	Somerset	-	-	125	-	125	-	20	3	-	-	-
Mosholder	Somerset	-	-	-	-	-	-	-	-	-	-	-
Murphy, Lewis	Somerset	-	-	-	-	-	-	-	-	-	-	-
Rising Strip	Somerset	-	14,572	-	-	14,572	-	-	10	-	-	-
Kalp Strip	Somerset	-	4,435	-	-	4,435	-	-	-	-	-	-
Total		-	19,007	-	-	19,007	-	-	10	-	-	-

District 32

Operators and Mines	County	Production of coal and coke - net tons											
		Shipped to market		Coal used locally		Coal used for heat & power at mine		Coal used in manufacture of coke		Total production of coal	Total production of coke		
		By rail	By water	By truck	By domestic purposes	By domestic purposes	By domestic purposes	By domestic purposes	By domestic purposes	Days worked	No. of employees	Fatal accidents	Non-fatal accidents
Newman, J. W.	Somerset	-	-	-	50	-	-	-	-	50	-	20	2
Newman	Somerset	-	-	-	329	-	-	-	-	329	-	108	1
Nicholson, Morris M. Z.	Somerset	-	-	-	390	-	-	-	-	390	-	130	2
Ohler Coal Co.	Somerset	-	-	-	2,138	-	-	-	-	2,138	-	71	10
Ohler	Somerset	-	-	-	3,750	-	-	-	-	3,750	-	200	11
Ridge	Somerset	-	-	-	850	-	-	-	-	850	-	100	2
Robertson, W. A.	Somerset	-	-	-	500	-	-	-	-	500	-	100	2
Keystone No. 4	Somerset	-	-	-	5,100	-	-	-	-	5,100	-	15	-
Keystone No. 6	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Keystone No. 6A	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-	-	-
Homesburg, Dennis	Somerset	-	-	-	544	-	-	-	-	544	-	100	3
Homesburg	Somerset	-	-	-	3,600	-	-	-	-	3,600	-	200	10
Sanner, Merle	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Sanner	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Sanner Brothers Coal Co.	Somerset	1,925	-	-	-	-	-	-	-	1,925	-	240	4
Sanner No. 1 Strip	Somerset	-	-	-	42,555	-	-	-	-	42,555	-	240	6
Sanner No. 2 Strip	Somerset	-	-	-	170	-	-	-	-	170	-	30	6
Vought Strip	Somerset	-	-	-	170	-	-	-	-	170	-	30	6
Total		1,925	-	-	42,555	-	-	-	-	44,650	-	16	-
Scurfield, W. E.	Somerset	25,008	-	-	2,520	-	-	-	-	27,528	-	243	6
Honeybar Strip	Somerset	606	-	-	-	-	-	-	-	606	-	28	4
Lepley Strip	Somerset	25,614	-	-	2,520	-	-	-	-	28,134	-	10	-
Total		25,614	-	-	2,520	-	-	-	-	28,134	-	10	-
Shaffer, Earl H.	Somerset	-	-	-	245	-	-	-	-	245	-	108	1
E. H. Shaffer	Somerset	-	-	-	290	-	-	-	-	290	-	104	1
Shaffer, Nevin	Somerset	-	-	-	156	-	-	-	-	156	-	24	2
Shaffer & Klink S. & K.	Somerset	-	-	-	30	-	-	-	-	30	-	5	3
Shroyer, Bruce	Somerset	-	-	-	-	-	-	-	-	-	-	191	3
Shroyer	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Slifco Brothers	Somerset	-	-	-	3,196	-	-	-	-	3,196	-	6	1
Slifco Strip	Somerset	-	-	-	-	-	-	-	-	-	-	-	-
Snyder, Wilbur Z.	Somerset	-	-	-	25	-	-	-	-	25	-	-	-
Snyder	Somerset	-	-	-	-	-	-	-	-	-	-	-	-

District 32

		Production of coal and coke - net tons									
County	Operators and Mines	Shipped to market		Coal used locally		Coal used for heat & power		Coal used in manufacture of coke		Total production of coal	
		By rail	By water	By truck	By domestic purposes	at mine	of coke	Days worked	No. of employes	Fatal accidents	Non-fatal accidents
Somerset		-	-	-	30	-	-	20	2	-	-
		538,138	-	197,684	79,640	31	-	815,493	572	1	2
District Total											

Production Per Fatal - 815,493

Stripping Production 636,863 - Stripping Employees 198

STRIP MINING
PRODUCTION
TABLE

1960 PRODUCTION OF
BITUMINOUS STRIP MINES
COMMONWEALTH OF PENNSYLVANIA

Company	County	Production	Employees
<u>District 1</u>			
Allen Coal Co., Fred	Westmoreland	6,110	4
Kimmel Coal Co.	Westmoreland	4,703	6
Partazana Coal Co., Louis	Washington	11,344	4
Pieraccioli Coal Co., Eugene	Washington	2,257	2
Vizza Coal Co., Joseph	Washington	21,213	4
District Total		45,627	20
<u>District 2</u>			
Aetna-Indiana Coal Corp.	Armstrong	7,309	2
Allegheny River Mining Co.	Armstrong	165,079	35
Altmore Brothers Coal Co., Inc.	Armstrong	18,614	18
B. & G. Construction Co., Inc.	Armstrong	67,326	5
Bituminous Coal Co., Inc.	Armstrong	5,048	5
Bond, Nelson	Armstrong	101,056	26
Bowser, Earl E.	Armstrong	33,734	4
Brocius, Homer C.	Armstrong	6,468	2
Christy Coal Co., Charles	Armstrong	4,450	2
Cogley & McIlwain	Armstrong	6,461	3
Cornman, Earl	Armstrong	5,344	8
Cravener, J. Russell	Armstrong	65,626	15
Dantella Brothers, Inc.	Armstrong	15,510	11
Edri Contracting Co., Inc.	Armstrong	15,100	4
Harman, Paul C.	Armstrong	74,085	9
Hawk Brothers Contracting Co.	Armstrong	191,574	24
Haynie Coal Co.	Armstrong	9,195	3
Heffelfinger Coal Co.	Armstrong	25,020	7
Houser, Earl	Armstrong	6,349	4
Iseman Brothers Coal Co.	Armstrong	58,892	20
L. & E. Const. & Equipment Co., Inc.	Armstrong	51,739	5
Lumsted Coal Co., Inc.	Armstrong	49,362	23
Nadine Coal Co.	Armstrong	22,761	5
P. & L. Coal Co.	Armstrong	6,179	9
Plum Creek Coal Co., Inc.	Armstrong	8,350	8
Richards Coal Co.	Armstrong	11,196	20
S. & R. Coal Co.	Armstrong	11,361	6
Samm Coal Co.	Armstrong	54,342	15
Smith, J. Merle	Armstrong	5,810	2
Snyder Co., C. H.	Armstrong	112,774	12
Taylor Brothers	Armstrong	29,448	11
Toy Coal Co., Edwin W.	Armstrong	31,165	13
West Freedom Mining Co.	Armstrong	144,460	23
District Total		1,421,637	356
<u>District 3</u>			
Allison Engineering Co.	Butler	97,090	29
Amos Coal Corp., C. L.	Butler	172,405	30
Barber Coal Co.	Butler	15,462	4
Blum Coal Co., Ray	Butler	12,059	3
Boyles Coal & Supply Co.	Butler	37,023	9
Bulia Brothers Coal Co.	Butler	9,950	3
Chinn Coal Co., Abe	Butler	24,530	4
Chutz Brothers Coal Co.	Butler	165,483	20
Colonial Gas Coal Co.	Butler	26,087	7
De Marsh Coal Co.	Butler	65,019	7
Garner Coal Co.	Butler	77,764	9
Green Basin Coal Co.	Butler	26,555	10
Grove City Construction Co.	Butler	75,143	15
Hilliard Mining Co.	Butler	33,288	8
Hindman Coal Co.	Butler	2,728	8
Hortert Coal Co.	Butler	20,101	6
Keibler Coal Co.	Butler	4,367	4
Kerry Coal Co.	Butler	153,351	20
Miller & McKnight Coal Co.	Butler	50,911	12

<u>Company</u>	<u>County</u>	<u>Production</u>	<u>Employees</u>
<u>District 3 (Continued)</u>			
Nashua Coal Co.	Butler	908	3
Pengrove Coal Co.	Butler	81,466	9
Perry Ross Coal Co.	Butler	27,762	12
Piatt & Craig Coal Co.	Butler	12,955	6
Richards Coal Co.	Butler	73,190	20
Smith Coal Co., William	Butler	2,525	1
Sunbeam Coal Corp.	Butler	251,752	41
Toy Coal Co., Edwin	Butler	1,127	5
Tri-County Fuel Co.	Butler	72,475	20
Vanmac Corp.	Butler	66,009	25
West Freedom Mining Co.	Butler	28,570	21
Western Hickory Coal Co., Inc.	Butler	2,704	6
Willowbrook Mining Co.	Butler	10,623	9
Wright Coal Co., Grant R.	Butler	7,712	5
District Total		<u>1,709,101</u>	<u>329</u>

<u>District 4</u>			
Allaman Mining Co.	Clarion	32,273	7
Allison Engineering Co.	Clarion	245,470	43
Benninger, A. C.	Clarion	50,372	10
Bond, Nelson	Clarion	500	12
Boyer, P. B.	Jefferson	20,250	10
Bracken Contracting Co.	Clarion	4,301	4
Brockway Clay Co.	Jefferson	500	1
Brockway Fuel Co.	Jefferson	7,050	5
Brubaker Brothers Coal Co.	Jefferson	2,111	1
C. & K. Coal Co.	Clarion	182,331	41
Calhoun, Dwight M.	Jefferson	175	1
Cloverleaf Mines, Inc.	Clearfield	101,759	17
Davis & McFadden	Clarion	19,932	3
Dean Coal Co.	Clarion	119,772	41
Doan Coal Co.	Jefferson	10,869	1
Emlenton Limestone Co.	Clarion	17,614	10
Foust, Richard L.	Jefferson	2,500	4
Glenn, Paul	Clarion	5,045	1
Hargrow Industries, Inc.	Clarion	9,914	3
Iseman Prothers Coal Co.	Clarion	83,207	30
Kahle Coal Co.	Clarion	20,172	17
Kiser, Wilbur H.	Clarion	15,313	7
Krach & Gearhart Coal Co.	Jefferson	2,240	11
Mac Coal Co.	Clarion	227,700	34
Mauersberg, Kenneth & Gerald	Clarion	17,476	11
Mays Coal Co.	Clarion	144,664	31
McIntosh Coal Co.	Clearfield	243	1
Minns Coal Co.	Jefferson	145,665	39
Pascaret, James	Clarion	27,922	4
Pleasant Valley Coal Co.	Clarion	5,249	11
Reed Coal Co., Earl M.	Clarion	79,623	34
Reed Contractors & Co., Inc., E. M.	Clarion	77,047	25
Reitz, Dawson	Clarion	12,312	1
Rosio, Michael J.	Jefferson	5,509	1
Samm Coal Co.	Clarion	19,353	13
Siegel Coal Co., Harold A.	Clarion	118,054	13
Smith & Sons, Farmer	Jefferson	1,250	4
Snyder & Son, C. A.	Jefferson	4,247	1
Stahlman, Frank David, Jr.	Clarion	31,320	7
Stahlman Coal Co., Inc., W. P.	Clarion	267,301	74
Stiles Co., G. A.	Clarion	100,478	26
Strishock, Stephen A.	Jefferson	19,590	12
Weaver & Sons, A. P.	Clarion	92,016	31
West Freedom Mining Co.	Clarion	60,250	27
Wingert Contracting Co., Inc.	Clarion	26,550	18
Wolbert Coal Co.	Clarion	34,613	13
Zacherl Coal Co., Inc.	Clarion	345,906	57
Zuck Coal Co.	Clarion	13,506	3
District Total		<u>2,943,244</u>	<u>897</u>

<u>District 5</u>			
Ambrosia Coal & Construction Co.	Lawrence	82,326	29
Armstrong & Phipps	Venango	1,457	2

Company	County	Production	Employees
<u>District 5 (Continued)</u>			
Atwell Coal Co.	Venango	3,550	2
Barber, David E.	Lawrence	13,476	4
Bessemer Limestone & Cement Co.	Lawrence	118,135	23
Big Valley Coal Co.	Venango	7,544	3
Bobo, Estate of George	Mercer	151,419	36
Boyles Coal & Supply Co.	Venango	27,992	6
Brown Coal Co., W. G.	Venango	20,581	12
Buckeye Coal Co., The	Mercer	196,988	24
Buckeye Coal Co., The	Lawrence	100,641	19
Castellucci Excavating., J.	Lawrence	11,346	6
Chutz Brothers Coal Co.	Venango	93,461	15
Corry Excavating & Mining Co.	Lawrence	102,099	20
De Marsh, Theodore	Venango	2,535	3
Dodds Coal Co.	Lawrence	97,000	9
Filby Coal Co., T. H.	Lawrence	39,251	6
Kahle Coal Co., Howard F.	Venango	10,477	2
Keystone Valley Coal Co.	Lawrence	52,377	14
Lake Erie Mining Enterprises, Inc.	Lawrence	51,033	11
List Mining Co.	Lawrence	7,996	2
Mathieson, Thomas B.	Venango	26,930	3
Mathieson, Thomas B.	Mercer	4,658	2
Mattish Mining Co.	Lawrence	7,245	8
Mellon, Paul	Mercer	240	2
Miller & McKnight Coal Co.	Lawrence	62,254	19
Natco Corp.	Lawrence	1,730	3
Nerley Fire Clay Co.	Lawrence	15,363	8
Perry Ross Coal Co.	Mercer	46,202	14
Piatt & Craig Coal Co.	Lawrence	41,031	11
Tasa Coal Co.	Venango	392,634	44
Testa Brothers, Inc.	Mercer	77,517	17
Tri-County Fuel Co.	Venango	97,358	16
Turner Brothers Construction Co.	Mercer	194,793	39
Veon, Ralph A.	Lawrence	13,941	10
Weaver & Sons, A. P.	Venango	11,178	2
West Freedom Mining Co.	Lawrence	31,900	4
Willowbrook Mining Co.	Lawrence	94,880	3
District Total		<u>2,291,627</u>	<u>461</u>
<u>District 6</u>			
Cocney Brothers Coal Co.	Cambria	9,466	10
Dunlo Construction Co.	Cambria	4,020	7
Feller Coal Co., Inc., E. E.	Cambria	3,531	5
Heshbon Coal Co., Inc.	Cambria	11,042	6
Jones Coal Co., E. L.	Cambria	22,293	10
Krise Coal Co.	Cambria	347	2
Sheesley Coal Co.	Cambria	341	3
District Total		<u>56,590</u>	<u>43</u>
<u>District 7</u>			
Coal Junction Coal Co.	Somer	9,928	5
Cook Coal Co., Ben P.	Somerset	2,022	1
District Total		<u>11,950</u>	<u>6</u>
<u>District 8</u>			
A. B. & F. Cont. Corp.	Centre	4,951	5
Asaph Coal Co.	Tioga	14,100	14
Bailey, Robert	Clearfield	77,973	13
Banner Coal Co.	Clearfield	25,199	13
Batschelet, Harry S.	Clinton	8,469	7
Bradford Coal Co.	Clearfield	-	12
Carlin, Inc., R. S.	Centre	50,158	15
Cherry Run Coal Mining Co.	Centre	37,261	20
Cogan Coal Co.	Lycoming	800	2
DeRomo Coal Co., John A.	Clearfield	1,599	8
Elliot Coal Mining Co., Inc.	Centre	309,304	72
Elliot Coal Mining Co., Inc.	Clearfield	37,981	10
Evelyn Coal Co.	Centre	1,294	4
Fall Brook Coal Mining Co.	Tioga	9,920	4

Company	County	Production	Employee
<u>District 8 (Continued)</u>			
Fink & Son, C. V.	Clinton	56,966	41
Fisher & Smith Coal Operators	Lycoming	40,152	16
Gillen & Son, R. C.	Clinton	2,765	2
Granville & Walker Coal Co.	Lycoming	4,020	5
Guy Coal Co.	Tioga	4,085	4
H. & R. Coal Co.	Centre	10,475	4
Hansel Coal Mining Co., S. R.	Clearfield	101,179	19
Harbison Walker Refractory Co.	Clearfield	1,242	3
Harchak & Lucas Coal Co.	Centre	13,500	13
Hertlein, Frank T.	Centre	12,226	7
J. & M. Coal Co.	Clearfield	32,620	8
Jones & Bague Mining Co.	Tioga	120,244	52
Kassab, Casper	Clearfield	1,353	3
Kasubick Brothers Coal Co.	Clearfield	14,050	4
Kephart, Doyle & Milford	Clearfield	11,500	3
Koshko Brothers Coal Co.	Centre	40,521	15
Krause Estate, Jay Lee	Clearfield	24,311	8
Kristianson & Johnson Coal Co.	Clearfield	103,140	18
Maple Hill Coal Co.	Clearfield	12,738	51
Meyer, G. W. & W. D.	Clearfield	23,411	21
Minds, J. Arthur	Clearfield	4,791	1
Moore & Son, W. G.	Clearfield	10,330	1
Oak Grove Coal Co.	Clearfield	50,161	24
Orlando, Dominick	Clearfield	1,747	1
Osceola Supply Co.	Clearfield	42,050	10
Padisak, Joseph A.	Centre	17,025	4
Penbrook Contracting Corp.	Centre	50,354	10
Penbrook Contracting Corp.	Clearfield	129,170	12
Percival, Paul	Bradford	7,451	1
Putman & Greene, Inc.	Clearfield	108,457	30
Rice Brothers Coal Co.	Clearfield	130,764	11
Rice Coal Co., Inc., John	Tioga	4,444	1
River Hill Coal Co.	Centre	18,135	1
River Hill Coal Co.	Clearfield	55,281	1
Rougeux, Trimpey & Rougeux Coal	Centre	40,425	23
S. & T. Coal Co.	Centre	1,990	1
Seprish & Urbanick	Centre	27,307	1
Sutton, John I.	Clearfield	20,167	5
Teeter, John E.	Clinton	10,400	10
Thomas Mines	Lycoming	4,413	2
Thompson Coal Co.	Clearfield	4,000	3
Thompson & Philips Clay Co., Inc.	Clearfield	10,423	1
Turner & Sons, W. K.	Clearfield	3,500	1
Vandenberg, Clarence E.	Clearfield	36,705	10
Wertz Coal Co., D. G.	Clinton	175,200	14
Wilks Brothers Strippino Co.	Clearfield	4,127	4
Yebernetsky, Metro	Clearfield	0,011	1
District Total		<u>2,333,557</u>	<u>542</u>

District 9

Keystone Construction Co.	Washington	1,350	10
Latrobe Construction Co.	Washington	21,311	11
District Total		<u>22,661</u>	<u>21</u>

District 10

NO STRIPPING PRODUCTION

District 11

Byrne, Frank F.	Westmoreland	1,163	3
Overly, L. W.	Westmoreland	10,777	3
Smith, C. E.	Westmoreland	1,519	2
Soberdash Coal & Coke Co.	Westmoreland	12,000	4
Tainton & Son	Westmoreland	2,443	2
Ulishney Fuel Co.	Westmoreland	6,553	5
Ward, Thomas J.	Westmoreland	4,335	5
District Total		<u>39,780</u>	<u>24</u>

Company	County	Production	Employees
<u>District 12</u>			
Arcadia Co., Inc.	Indiana	75,691	36
Barilar Coal Co., Inc.	Jefferson	7,514	5
Baughman Coal Co.	Jefferson	199,146	30
Beckman, E. C.	Jefferson	471	2
Big Run Coal Co.	Clearfield	3,620	4
Bookwalter Brothers Coal Co.	Clearfield	3,904	6
Brumbaugh Brothers Coal Co.	Jefferson	1,780	2
Caltagarone Brothers Coal Co.	Jefferson	2,612	5
East Branch Equipment Co.	Jefferson	35,188	14
Engleman, Charles	Jefferson	38,805	16
Glenn, W. Paul	Jefferson	76,817	14
Hamilton Mining Co., Inc.	Jefferson	37,441	12
Hawk Brothers Contracting Co.	Jefferson	62,243	8
Kann Coal Co.	Clearfield	95,363	22
Kann Coal Co.	Jefferson	6,566	5
Krach & Gearhart Coal Co.	Jefferson	75,610	31
Matthews Coal Co., Inc.	Clearfield	28,523	15
Maxim Coal Co.	Jefferson	3,331	2
Monnie, S. C.	Indiana	72,345	14
Moore Coal Co., Everett	Jefferson	21,546	5
P. & N. Coal Co., Inc.	Indiana	67,804	30
P. & N. Coal Co., Inc.	Jefferson	7,936	10
Penn State Coal Co.	Clearfield	29,450	10
Purchase Line Mining Co., Inc.	Indiana	21,526	9
Rainey Coal Co.	Clearfield	18,467	4
Rainey Coal Co.	Jefferson	4,275	4
Red Gap Coal Co.	Indiana	10,734	8
Ryan Brothers Coal Co.	Clearfield	1,151	3
S. & I. Coal Co.	Jefferson	1,036	2
Stahlman Coal Co., Inc., W. P.	Jefferson	85,267	10
Thomas Brothers Coal Co.	Jefferson	5,780	2
Thomas Brothers Coal Co.	Clearfield	670	2
Thomas Coal Co., Clarence	Clearfield	21,567	5
Thomas Coal Co., H. S.	Clearfield	390	3
District Total		1,114,569	350
<u>District 13</u>			
Jankey, John W.	Greene	822	2
<u>District 14</u>			
Altmire Brothers Coal Co., Inc.	Armstrong	7,084	4
Casella Coal Co., Inc.	Armstrong	1,577	3
Marco Coal Co.	Armstrong	127,740	13
Wood Coal Co.	Allegheny	2,660	6
District Total		139,061	26
<u>District 15</u>			
Chest Creek Coal Co.	Cambria	400	2
Cymbria Fuel Co.	Cambria	5,037	8
North Cambria Fuel Co.	Cambria	72,505	22
Peles Brothers Coal Co.	Cambria	3,953	2
Shero & Dumm Coal Co.	Cambria	695	2
Weakland Brothers Coal Co.	Cambria	1,614	3
Wilkinson Coal Co.	Cambria	2,310	6
Wood Coal Mining Co.	Cambria	6,601	16
District Total		93,115	61
<u>District 16</u>			
Bridgeview Coal Co.	Fayette	82,714	14
Genovese Coal Co.	Fayette	41,479	7
Henckel Construction Co.	Fayette	12,895	9
Holly Coal Co.	Fayette	4,446	2
Lowery Coal Co.	Fayette	3,711	2
Menallen Coke Co.	Fayette	13,278	8
Miller, Edward G.	Fayette	12,600	5
Phillips Coal & Coke Co.	Fayette	1,389	4
Piccolomini, William	Fayette	1,114	5

Company	County	Production	Employees
<u>District 16 (Continued)</u>			
Pontorero & Sons Coal Co.	Fayette	47,169	9
Sabatine Coal Co.	Fayette	23,590	7
Smith & Wise Coal Co.	Fayette	1,645	4
Smithfield Mining Co., Inc.	Fayette	1,927	3
Solomon & Teslovich	Fayette	2,713	8
Swaney & Swaney Stripping Operation	Fayette	56,909	3
District Total		307,463	94

<u>District 17</u>			
Aloe Coal Co.	Allegheny	266,300	53
Ambrosia Coal & Construction Co.	Beaver	110,948	4
Bartins, Stanley	Allegheny	7,473	3
Bologna Mining Co.	Washington	21,150	4
Brown, Charles E.	Beaver	6,200	3
Brown Coal Co.	Beaver	1,266	2
Calavenzo, Floyd	Allegheny	2,755	7
Caruso, Tony	Washington	7,795	4
Central Commercial Co.	Beaver	5,059	3
Craig Brothers Coal Co.	Washington	41,500	20
Davis Coal Co., Benjamin	Washington	10,560	3
Dodds Coal Co.	Beaver	41,000	7
Ewing, Charles W.	Washington	13,662	4
Ferguson Mining Co.	Beaver	22,717	3
Harmon Creek Coal Corp.	Washington	379,960	102
Keystone Valley Coal Co.	Beaver	9,169	14
Mac Coal Co.	Washington	3,419	7
Maglich Coal Co.	Washington	27,760	6
Marshall, Wilbert F.	Allegheny	5,090	2
Mazzaro & Son	Allegheny	17,755	10
Mazzaro & Son	Washington	2,939	2
McQuiston Coal Co.	Beaver	27,703	4
Montour Valley Coal Co.	Allegheny	32,322	9
Moore, Ralph K.	Beaver	775	1
National Steel Corp.	Washington	196,795	45
North Sewickley Coal Co.	Beaver	22,921	10
North Star Coal Co.	Allegheny	7,326	10
Pennweir Construction Co.	Washington	28,224	6
Penowa Coal Co.	Washington	10,640	6
Pittsburgh Coal Co., Div. of Consolidation Coal Co.	Allegheny	15,091	- *
Rawding Coal & Clay Co.	Beaver	2,062	3
Rocchio & Kiger Construction Co.	Washington	24,235	5
Sunnyside Coal Mining Co.	Beaver	49,270	17
Veon, Inc., R. A.	Beaver	39,668	21
Wright Coal Co., Grant R.	Beaver	24,511	5
District Total		1,479,902	412

* See footnote (f) on Production Table.

<u>District 18</u>			
Becker, Paul E.	Cambria	2,129	2
Black, Adam J. & Ruth	Huntingdon	15,332	5
Cavalier Coal Co., Inc.	Blair	61,785	32
Clevenger Coal Co., H. M.	Huntingdon	565	2
Crotsley, Kenneth	Huntingdon	4,784	6
Delozier, Paul T.	Cambria	2,705	3
Fry Coal & Stone Co.	Bedford	68,353	14
G. M. & W. Coal Co., Inc.	Huntingdon	3,793	5
G. M. & W. Coal Co., Inc.	Fulton	4,454	4
Gibson Coal Co.	Cambria	10,999	10
L. & B. Coal Co.	Bedford	765	2
Powell Coal Co., C. E.	Cambria	254,700	110
Red Ridge Coal Co.	Cambria	3,958	3
Reynolds, W. E.	Cambria	4,454	3
Richards, Kenneth G.	Bedford	3,210	4
Sherbine, Lawrence	Blair	6,451	4
Sherbine, Lawrence	Cambria	32,658	12
Wood, Frank B., Jr.	Huntingdon	10,038	8
District Total		497,133	229

Company	County	Production	Employees
<u>District 19</u>			
Cambruzzi Coal Co.	Westmoreland	545	2
Dragon & Sons Coal Co.	Westmoreland	22,548	11
G. & J. Fuel Co.	Westmoreland	995	3
Green, Inc., Walter	Westmoreland	2,600	4
Hall Coal Co., Inc.	Westmoreland	2,592	2
Hutchinson Coal Co.	Westmoreland	323	3
Kesman Brothers Coal Co.	Westmoreland	5,611	4
Kimmel Coal Co.	Westmoreland	7,749	5
Laspina Coal Co.	Westmoreland	491	2
Long Coal Co.	Westmoreland	2,450	4
Morvin Coal & Development Co.	Westmoreland	2,142	5
Paulisick Coal Co.	Westmoreland	2,400	3
Protz Brothers Coal Co.	Westmoreland	3,625	5
Rathgeb & Gorr Coal Co.	Westmoreland	2,356	5
Sekora Coal Co.	Westmoreland	6,434	4
Senor Coal Co., Inc.	Westmoreland	1,124	4
Soberdash & Adams Coal Co.	Westmoreland	150	6
Stahl Coal Co.	Westmoreland	600	2
Ward Coal Co.	Westmoreland	7,710	5
Wood Coal Co.	Westmoreland	1,079	4
Zeglin Coal Co.	Westmoreland	13,993	19
District Total		97,517	102
<u>District 20</u>			
Anderson Coal Co.	Somerset	9,790	3
Bruening, Ray E.	Somerset	16,201	4
Coal Junction Coal Co.	Somerset	14,998	5
Croner, Inc.	Somerset	4,097	3
Duppstadt, Emmett	Somerset	12,102	4
Fetterolf Coal Co., Inc., M. F.	Somerset	112,659	38
Fyock, N. J.	Somerset	997	4
Glessner, Robert H., Jr.	Somerset	2,901	2
Goden, Harold E.	Somerset	-	3
Highland Resort & Estates, Inc.	Somerset	29,329	10
Lasky Construction Co.	Somerset	17,796	6
Long, Robert G.	Somerset	20,314	6
Svonavec Coal Co.	Somerset	56,323	15
Thermal Coal Mining Co.	Somerset	36,371	33
Weigle, Guy	Somerset	314	4
District Total		392,692	140
<u>District 21</u>			
American Carbon Fuels, Inc.	Greene	2,260	5
Baran, Joseph S.	Greene	416	1
Bortz Coal Co.	Fayette	1,212	7
Fry Coal & Stone Co.	Fayette	7,625	13
Henderson, Virgil	Greene	13,270	6
Kay's Coal Co.	Greene	150	1
Miller, Edward G.	Fayette	1,800	5
Phillips Coal & Coke Co.	Greene	110	2
Sabatine Coal Co.	Fayette	2,543	6
Smith & Wise Coal Co.	Fayette	181	4
Valley Point Coal Co.	Greene	60	2
District Total		29,627	52
<u>District 22</u>			
Berdar Coal Co.	Allegheny	5,920	3
Blaha Coal Co., John	Allegheny	-	2
Dale Coal, W. Beecher	Allegheny	3,135	2
Eakin Coal Co.	Allegheny	150	1
Evans Coal Co., Adam	Allegheny	2,730	3
Fiore Coal Co., Fred	Allegheny	41,786	3
Fiore Contractors, William	Allegheny	2,607	6
Fiore Development	Allegheny	6,651	4
Ford, George E.	Allegheny	35,136	11
Kurtak, Michael	Allegheny	14,400	4
Kutsenkov Coal Co., Helen E.	Washington	3,005	3
Long Coal Co.	Washington	11,292	4
Q. & R. Coal Co.	Allegheny	42,509	7

Company	County	Production	Employees
<u>District 22 (Continued)</u>			
Rostovsky Brothers	Allegheny	24,304	3
Sanbrac Coal Co.	Washington	33,906	9
Solar Coal Co.	Allegheny	28,134	6
Sporio Coal Co.	Allegheny	9,411	2
Twilight Industries, Inc.	Allegheny	4,104	2
District Total		269,190	74
<u>District 23</u>			
Baker Coal Co.	Fayette	1,627	3
Green, Inc., Walter	Fayette	1,565	2
Horrell & Son	Fayette	4,919	3
Moon & Sons, Inc.	Fayette	8,615	7
Piccolomini, William	Fayette	3,910	3
Soberdash Coal & Coke Co.	Fayette	14,457	4
District Total		34,138	22
<u>District 24</u>			
Berkey Coal Co., Inc.	Cambria	2,765	8
Bigan Coal Co., John E.	Somerset	2,547	3
Costantino Coal Co.	Somerset	76,421	21
Codin & Schmidt Coal Co.	Somerset	14,174	4
Peacock Mining Co.	Somerset	523	5
Pelesky Coal Co.	Somerset	2,451	5
Pittsburgh-Summit Coal Co.	Somerset	100	4
Shaffer Coal Co., Myron	Somerset	4,034	4
Sheesley's Minerals, Inc.	Somerset	3,391	3
Windber High Standard Coal Co.	Somerset	7,963	7
Windber Superior Coal Co.	Somerset	14,026	11
District Total		153,446	75
<u>District 25</u>			
Beilchick Brothers Coal Co.	Indiana	1,735	10
Bowser, Earl E.	Indiana	24,555	3
Brown Brothers Coal Co.	Indiana	173	3
Capizzi Coal Co.	Indiana	2,227	3
Cymbria Fuel Corp., Inc.	Indiana	1,437	3
Foshrenbach Coal Co., L. H.	Indiana	26,253	4
Leasure Brothers Coal Co.	Indiana	33,549	5
Marion Center Mining Co.	Indiana	51,322	21
Mears Coal Co.	Indiana	32,510	11
Morrone Coal Co.	Indiana	40,926	6
P. & M. Coal Co., Inc.	Indiana	17,459	7
Primrose Mining, Inc.	Indiana	1,452	3
Purchase Line Mining Co., Inc.	Indiana	1,327	3
R. T. C. Coal Co.	Indiana	12,130	4
Rochester & Pittsburgh Coal Co.	Indiana	21,792	3
Saver Brothers Coal Co.	Indiana	17,221	6
Shick Coal Co.	Indiana	23,464	3
Sinclair Coal Co.	Indiana	3,107	4
District Total		313,769	124
<u>District 26</u>			
M. & E. Co.	Washington	2,134	3
Marth, Kiffer & Maxwell	Washington	169	3
Penowa Coal Co.	Washington	54,924	14
Pittsburgh Coal Co., Div. of Consolidation Coal Co.	Washington	59,465	10
Rupani Coal Co.	Washington	14,935	4
Stefkovich Brothers	Washington	20,339	3
District Total		152,365	42
<u>District 27</u>			
Bailey, Robert	Clearfield	177,578	29
Belfast Coal Co.	Clearfield	23,367	10
Benjamin Coal Co.	Clearfield	457,053	109
Bookwalter Brothers Coal Co.	Clearfield	7,337	4
Bowers Stripping Contractor, Geo.	Clearfield	506	5

Company	County	Production	Employees
<u>District 27 (Continued)</u>			
Bowman Coal Co., W. C.	Clearfield	8,539	4
Bradford Coal Co.	Clearfield	207,974	71
Cammos Coal Mining Co.	Clearfield	14,463	10
Carson Coal Co., M. H.	Clearfield	48,540	19
Central Moshannon Coal Minino Co.	Clearfield	28,835	19
Clearfield Limestone Corp.	Clearfield	26,886	9
Diamond T. Strip Mining Corp.	Clearfield	173,286	43
Elliot Coal Mining Co.	Clearfield	17,074	8
Fenush Coal Co., Carl	Clearfield	3,347	3
Flanco Brothers Coal Co.	Clearfield	32,810	9
Freeman Coal Co., W. R.	Clearfield	1,723	3
Hansel Coal Mining Co., S. R.	Clearfield	7,102	17
Hill Brothers Coal Co.	Clearfield	30,320	5
Jacox Coal Co., Reed A.	Clearfield	21,819	12
Jones Coal Co., Walter	Clearfield	1,022	2
Kristianson & Johnson Coal Co.	Clearfield	6,465	10
Lansberry Coal Co., Geynet	Clearfield	17,361	19
Minds Coal Co., J. Arthur	Clearfield	2,817	3
Penbrook Contracting Corp.	Clearfield	66,997	15
Pollisino & Krause Coal Co.	Clearfield	19,237	9
Powell Coal Co., C. E.	Clearfield	85,640	30
River Hill Coal Co.	Clearfield	22,933	8
Roy Coal Co., Inc.	Clearfield	21,150	9
Ryan Brothers Coal Co.	Clearfield	26,923	14
S. C. & S. Coal Co.	Clearfield	5,263	5
Semple Coal Co.	Clearfield	3,778	3
Thompson Coal Co., Leroy	Clearfield	46,415	15
Waroquier Coal Co.	Clearfield	56,019	27
Woolridge Coal Co.	Clearfield	34,904	10
District Total		<u>1,707,082</u>	<u>566</u>
<u>District 28</u>			
Hiysota Fuel Co., Inc.	Cambria	42,808	7
Jones Coal Co., E. L.	Cambria	5,970	6
Jackson Hill Coal Co.	Cambria	1,900	2
District Total		<u>50,678</u>	<u>15</u>
<u>District 29</u>			
Hall, Inc., J. M. & J. M. Jr.	Allegheny	3,768	2
<u>District 30</u>			
Duncan & Simpson Coal Co.	Indiana	6,087	2
Lauver & Sons, C. E.	Indiana	39,655	20
Rochester & Pittsburgh Coal Co.	Indiana	97,727	36
Sinclair Coal Co.	Indiana	51,706	10
Sutula Coal Co.	Indiana	2,604	3
Wolcott, Clyde D. & Dale M.	Indiana	5,143	2
District Total		<u>202,227</u>	<u>73</u>
<u>District 31</u>			
Bailey, Robert	Clearfield	49,232	14
Belfast Coal Co.	Clearfield	28,000	5
Big Run Coal Co.	Clearfield	19,445	6
Boron Coal Co.	Clearfield	122,476	31
Bradford Coal Co.	Clearfield	90,965	26
Brooks Coal Co., Ray W.	Clearfield	19,990	12
Brown Co., E. W.	Clearfield	94,535	41
Carlin Coal Co., R. S.	Clearfield	155,605	61
Compass Coal Co.	Clearfield	67,993	14
Crissman Coal Co., James T.	Clearfield	3,281	3
Hepburnia Coal Co.	Clearfield	29,353	7
Hoffman Coal Co., James	Clearfield	176,504	59
Kaul Clay Products Corp.	McKean	4,245	3
Lindle Coal Co.	Clearfield	142,308	35
Maney Coal Co., Homer	Clearfield	34,519	15
McIntosh Coal Co., R. J.	Clearfield	21,541	10
Miller Coal Co., John	Elk	1,141	2

Company	County	Production	Employees
<u>District 31 (Continued)</u>			
Moshannon Falls Mining Co., Inc.	Clearfield	73,448	10
New Shawmut Mining Co.	Clearfield	13,405	5
New Shawmut Mining Co.	Elk	27,015	16
P. & K. Coal Co., Inc.	McKean	27,735	4
P. & N. Coal Co., Inc.	Elk	79,226	26
Penn State Coal Co.	Clearfield	106,571	36
Penoyer & Co., D. C.	Clearfield	93,404	22
Reese Coal Co., Philip	Clearfield	2,750	3
River Hill Coal Co.	Clearfield	81,519	36
Rydesky Coal Co., John	Cameron	106,995	31
Shawville Coal Co.	Clearfield	130,611	40
Slyder Coal Co., S. Brake	Cameron	693	3
Smith & Rogos Coal Co.	Elk	25,676	9
Smith & Zindell Coal Co.	Clearfield	20,153	6
Spencer Construction Co.	Clearfield	31,672	4
Starr, Ivan, Jr.	Elk	19,333	4
Vollmer Coal Co., Lawrence	Elk	1,509	1
Wabash Ridge Corp.	Elk	6,490	15
Walburn Coal Co.	Elk	1,635	4
Wilson Coal Co., John	Clearfield	26,432	9
District Total		<u>1,925,339</u>	<u>646</u>

<u>District 32</u>			
Alumbaugh Coal Co.	Somerset	10,530	12
Beachy & Beachy	Somerset	3,939	5
Beener & Cramer Coal Co.	Somerset	3,367	7
Bowman Construction Co.	Somerset	350	5
Brant, Franklin	Somerset	10,300	9
Croner, Inc.	Somerset	49,136	24
Decker Construction Co.	Somerset	115,542	20
Hennenkamp, King	Somerset	40,023	34
Mazzarella, Angelo	Somerset	20,119	5
Merrill Brothers Coal Co.	Somerset	71,950	9
Merrill Sons & Co., W. A.	Somerset	202,750	28
Murphy, Lewis	Somerset	19,757	10
Sanner Brothers Coal Co.	Somerset	44,150	16
Scurfield, W. E.	Somerset	23,134	10
Slifco Brothers	Somerset	3,196	3
Svonavec Coal Co.	Somerset	14,437	8
Testa Coal Co.	Somerset	342	2
Tice, Jonas & Monroe	Somerset	1,366	2
Yantus & Zubeck	Somerset	7,590	6
District Total		<u>696,368</u>	<u>203</u>

GEOGRAPHICAL TABLE

District 1

Operators and Mines		County	Geological name of Coal bed	Kind of Opening				Number and type		Explosives used - pounds	
				Height of seam in feet	Shaft: Slope	Average pitch: degrees	Drift: pitch: degrees	: lamps used	: explosives used		
Allen Coal Co., Fred Allen Strip	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	600	-
Balas Coal Co. Black Diamond No. 3	Washington	Pittsburgh	66	-	-	Drift	Non-gaseous	2	1	50	-
Baumgardner Coal Co., James Johnson	Westmoreland	Pittsburgh	72	-	-	-	Drift	Non-gaseous	3	20	3,300
Bell Coal Co., Ewing	Washington	Pittsburgh	72	-	-	-	Drift	Non-gaseous	2	5	500
Bethlehem Mines Corp. Mine No. 51	Washington	Pittsburgh	75	278	-	-	-	Gaseous	120	550	70,000
Mine No. 58	Washington	Pittsburgh	75	460	-	-	-	Gaseous	169	505	116,250
Mine No. 60	Washington	Pittsburgh	75	305	-	-	-	Gaseous	198	425	50,000
							Total		487	1,480	236,250
Cosner Coal Co., F. J. Cosner No. 1	Washington	Pittsburgh	70	-	-	-	Drift	Non-gaseous	2	5	400
Frankie Coal Co. Susanna	Westmoreland	Pittsburgh	70	-	-	-	Drift	Non-gaseous	4	18	900
Gibson Coal Co. Gibson	Washington	Pittsburgh	72	133	-	-	-	Gaseous	10	84	4,950
Kerlin Coal Co., Paul, Jr. Paul No. 2	Westmoreland	Redstone	44	-	-	-	Drift	Non-gaseous	1	6	250
Kimmel Coal Co. Cert Strip	Westmoreland	Redstone	40	-	-	-	-	-	-	-	3,000
Partazana Coal Co., Louis Partazana No. 1 Strip	Washington	Redstone	48	-	-	-	-	-	-	-	1,200
Partazana No. 2 Strip	Washington	Pittsburgh	72	-	-	-	-	-	-	-	1,900
							Total		-	-	3,000
Pazer-Davis Coal Co. Gibson (a)	Washington	Pittsburgh	72	133	-	-	-	Gaseous	-	-	4,750
Pfifle Coal Co., Walter S. Pfifle No. 1	Washington	Pittsburgh	92	-	-	-	Drift	Non-gaseous	2	-	100
Pieraccioli Coal Co., Eugene Perry Strip	Washington	Redstone	32	-	-	-	-	-	-	-	-
Sager Coal Co., H. L. Johnson	Westmoreland	Pittsburgh	72	-	-	-	Drift	Non-gaseous	4	10	180
United States Steel Corp. Maple Creek	Washington	Pittsburgh	63	-	-	-	Drift	Gaseous	-	25	51,900

District 2

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds				Other (Name)
				Shaft	Slope	Drift	Average	Gaseous	or	Flame	Safety	Electric	Explosives	powder	Dynamite	
Halbo Coal Co., Andrew Halbo & Schreckengost Cannel Coal	Armstrong	Up. Freeport	48	-	-	-	-	Drift Nonnaseous	1	-	-	-	-	10	-	-
	Armstrong	Lo. Freeport	84	-	-	-	-	Drift Nonnaseous	3	-	-	-	-	100	-	-
								Total	4	-	-	-	-	110	-	-
Bertetto Brothers Coal Co.	Armstrong	Up. Freeport	39	-	-	-	-	Drift Nonnaseous	-	1	4	-	-	600	-	-
B. & B.																
Rituminous Coal Co., Inc.	Armstrong	Mid. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-	-	*
Montgomery Strip																
Bollinger Coal Co., Herbert Bollinger	Armstrong	Pittsburgh	94	-	-	-	-	Drift Nonnaseous	3	-	-	-	-	1,000	-	-
Bond, Nelson																
Pond Strip	Armstrong	Up. Freeport	44	-	-	-	-	-	-	-	-	-	-	-	-	2,900 *
Bowersox, G. C.																
Bluebird	Armstrong	Mahoning	54	-	-	-	-	Drift Gaseous	-	2	3	-	-	200	-	-
Bowser, Earl E.	Armstrong	Up. Freeport	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Ramer Auger	Armstrong	Up. Freeport	38	-	-	-	-	-	-	-	-	-	-	-	-	1,625 *
Zimmerman Strip								Total	-	-	-	-	-	-	-	1,625
Brink Coal Co.																
Brink No. 1	Armstrong	Up. Freeport	47	-	-	-	-	Drift Nonnaseous	8	2	-	-	-	1,200	-	-
Brocius, Harold E.																
Brocius No. 4	Armstrong	Up. Freeport	48	-	-	-	-	Drift Nonnaseous	2	2	-	-	-	1,250	-	-
Brocius, Homer C.																
Brocius Strip	Armstrong	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-	-	-	-
Brocius, R. M.																
Sherry	Armstrong	Up. Freeport	34	-	-	-	-	Drift Nonnaseous	1	-	-	-	-	100	-	-
Brown, Clifton																
Brown	Armstrong	Up. Freeport	48	-	-	-	-	Drift Nonnaseous	1	-	-	-	-	850	-	-
Burkett, Ralph D.																
Burkett No. 1	Armstrong	Lo. Freeport	44	-	-	-	-	Drift Nonnaseous	3	-	-	-	-	100	300	-
Carpentertown Coal & Coke Co.																
Mahoning Creek Auger	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahoning Creek	Armstrong	Up. Freeport	36	-	-	-	-	Drift Nonnaseous	-	2	24	-	-	100	-	-
								Total	-	2	24	-	-	100	-	-
Catfish Coal Co., Inc.																
Catfish	Armstrong	Up. Freeport	42	-	-	-	-	Drift Nonnaseous	-	2	11	-	-	5,250	-	-
Cherry Run Fuel Co.																
Garretts Run	Armstrong	Up. Freeport	44	-	-	-	-	Drift Nonnaseous	-	2	5	-	-	640	-	-

District 3

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds	Other (Name)	
				Shaft	Slope	Drift	Average	Gaseous	or	Flame	Permissible Black powder			
														depth
Gornick Coal Co.	Butler	Up. Freeport	36	-	-	-	Drift	Non-gaseous	4	-	-	200	-	-
Green Basin Coal Co.	Butler	Freeport	28	-	-	-	-	-	-	-	-	-	-	-
Comstock No. 1 Strip	Butler	Kitt. & Freeport	26	-	-	-	-	-	-	-	-	-	-	5,995
Grove City Construction Co.	Butler		30	-	-	-	-	-	-	-	-	-	-	-
Kenny Strip	Butler			-	-	-	-	-	-	-	-	-	-	-
Herman Coal Co.	Butler	Up. Freeport	36	-	-	-	Drift	Non-gaseous	11	2	-	500	200	-
Rough Run No. 2	Butler			-	-	-	-	-	-	-	-	-	-	-
Hilliard Mining Co.	Butler	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	-
Mayer Strip	Butler	Kitt. (Cannel)	24	-	-	-	-	-	-	-	-	-	-	550
Hindman Coal Co.	Butler			-	-	-	-	-	-	-	-	-	-	-
Hindman Strip	Butler	Up. Freeport	36	-	-	-	Drift	Non-gaseous	4	-	-	300	500	-
Holben Coal Co.	Butler			-	-	-	-	-	-	-	-	-	-	-
McCollough	Butler			-	-	-	-	-	-	-	-	-	-	-
Hortert Coal Co.	Butler	Up. Kittanning	18	-	-	-	-	-	-	-	-	-	-	-
Hortert Strip	Butler			-	-	-	-	-	-	-	-	-	-	-
Hutchison Coal Co.	Butler	Up. Freeport	43	-	-	-	Drift	Non-gaseous	1	-	-	50	-	-
Hutchison	Butler			-	-	-	-	-	-	-	-	-	-	-
Keibler Coal Co.	Butler	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	50
Keibler Strip	Butler			-	-	-	-	-	-	-	-	-	-	-
Kerry Coal Co.	Butler	Up. Freeport	40	-	-	-	Drift	Non-gaseous	4	2	-	750	-	-
Rovella	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-
No. 1 Strip	Butler	Mid. Kitt. & Free.	36	-	-	-	-	-	-	-	-	-	-	104,000
No. 2 Strip	Butler			-	-	-	-	-	-	-	-	-	-	-
No. 3 Strip & Aupper	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-
				Total				4	2	-	750	104,000		
Kutsch Coal Co.	Butler	Up. Freeport	42	-	-	-	Drift	Non-gaseous	-	1	20	1,500	-	-
Kutsch	Butler	Lo. Kittanning	40	-	-	-	Drift	Non-gaseous	3	-	-	150	-	-
Lancaster Coal Co.	Butler			-	-	-	-	-	-	-	-	-	-	-
Yellow Creek	Butler	Up. Kittanning	49	-	-	-	Drift	Non-gaseous	3	2	-	200	-	-
McDounal Coal Co.	Butler			-	-	-	-	-	-	-	-	-	-	-
No. 3	Butler			-	-	-	-	-	-	-	-	-	-	-
Miller & McKnight Coal Co.	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	-	9,000
Miller & McKnight Strip	Butler			-	-	-	-	-	-	-	-	-	-	-
Montgomery & McKean	Butler			-	-	-	-	-	-	-	-	-	-	-
Dillaman	Butler	Mid. Kittanning	63	-	-	-	Drift	Non-gaseous	-	-	-	-	-	-

District 3

Operators and Mines	County	Geological name of bed	Kind of Opening				Number and type		Explosives used - pounds	
			Height of seam	Shaft	Slope	Drift	lamps used			
Nashua Coal Co.	Butler	Mid. Kittanning	22	-	-	-	-	-	-	-
Nashua Strip	Butler	Up. Freeport	34	-	-	Drift	Nongaseous	4	-	500
Nastasi Coal Co.	Butler	Up. Kittanning	40	-	-	Drift	Nongaseous	3	100	-
One lime Coal Co.	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-
Pengrove Coal Co.	Butler	Mid. Kittanning	36	-	-	-	-	-	-	57,600
Penn No. 1 Strip	Butler	Mid. Kittanning	36	-	-	-	-	-	-	1,000
Perry Ross Coal Co.	Butler	Up. Freeport	32	-	-	-	-	-	-	700
Powell Strip	Butler	Lo. Kittanning	30	-	-	-	-	-	-	1,500
Platt & Craig Coal Co.	Butler	Mid. Kittanning	36	-	-	Drift	Nongaseous	5	1	225
Sipe Strip	Butler	Up. Freeport	40	-	-	Drift	Nongaseous	-	3	3,300
Richards Coal Co.	Butler	Up. Freeport	42	-	-	Drift	Nongaseous	-	36	4,000
Manor Strip	Butler	Lo. Kittanning	30	-	-	-	Total	-	56	7,300
Salzano Ross Coal Co.	Butler	Mid. Kittanning	36	-	-	Drift	Nongaseous	3	-	250
Sarver Coal Co.	Butler	Up. Freeport	40	-	-	Drift	Nongaseous	-	20	50
Coal Hollow	Butler	Up. Freeport	42	-	-	Drift	Nongaseous	-	36	500
Riddle	Butler	Up. Freeport	42	-	-	Drift	Nongaseous	-	36	500
Saul & Williams Coal Co.	Butler	Mid. Kittanning	36	-	-	Drift	Nongaseous	3	-	500
Mary Elizabeth No. 2	Butler	Lo. Kittanning	36	-	150	4	Nongaseous	1	-	500
Shields Coal Co.	Butler	Up. Kittanning	36	-	60	45	Nongaseous	14	1	500
Sisco	Butler	Kittanning	36	-	-	-	-	-	-	500
Smith Coal Co., William	Butler	Mid. Kittanning	38	-	-	Drift	Nongaseous	11	1	1,650
Smith Strip	Butler	Mid. Kittanning	38	-	-	Drift	Nongaseous	11	-	400
Stanford Coal Co.	Butler	Mid. Kittanning	38	-	-	Drift	Nongaseous	11	-	2,050
No. 2	Butler	Mid. Kittanning	38	-	-	Drift	Nongaseous	11	-	2,050
Sunbeam Coal Corp.	Butler	Brookville Kittanning	36	-	-	-	-	-	-	23,075
Sunbeam Strip	Butler	Kittanning	40	-	-	Drift	Nongaseous	4	-	100
Thompson Coal Co.	Butler	Kittanning	40	-	-	Drift	Nongaseous	4	-	100
Day	Butler	Kittanning	40	-	-	Drift	Nongaseous	4	-	100

District 3

Operators and Mines	County	Geological name of coal bed	Height of seam in ches:	Kind of Opening				Number and type lamps used				Explosives used - pounds		Other (Name)		
				Shaft	Slope	Average age	Drift	Gaseous or	Flame	Non-gaseous	Electric	Safety explosives	Black powder		Dynamite	
Toy Coal Co., Edwin	Butler	Lo. Freeport	23	-	-	-	-	-	-	-	-	-	-	-	-	-
Tri-County Fuel Co.	Butler	Brookville	52	-	-	-	-	-	-	-	-	-	-	-	27,500	*
Farren Strip	Butler	Clarion	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Vannac Corp.	Butler	Kittanning	19	-	-	-	-	-	-	-	-	-	-	-	12,300	*
Kincaid Strip	Butler	Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Vicari Coal Co.	Butler	Up. Freeport	38	-	-	-	Drift	Nongaseous	3	-	-	-	400	-	-	-
No. 2	Butler	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	*
West Freedom Mining Co.	Butler	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	-	-	-
No. 26 Strip	Butler	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Auger	Butler	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Western Hickory Coal Co., Inc.	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-	-	-
No. 1 Strip	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-	-	-
Wildwood Coal Co., Div. of Rochester & Pittsburgh Coal Co.	Allegheny	Thick Freeport	Variable to 96	175	543	18°26'	-	Gaseous	-	30	150	-	-	-	-	Airdox
Willowbrook Mining Co.	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-	500	*
Arner Strip	Butler	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-	-	-
Woods Coal Co., J. F. Leslie	Butler	Up. Freeport	40	-	-	-	-	Drift	Nongaseous	5	-	-	150	-	-	-
Woods & Morris Coal Co.	Butler	Up. Freeport	40	-	-	-	-	Drift	Nongaseous	-	1	6	20	-	-	-
Kelly	Butler	Mid. Kittanning	38	-	-	-	-	-	-	-	-	-	-	-	1,000	*
Wright Coal Co., Grant R.	Butler	Mid. Kittanning	38	-	-	-	-	-	-	-	-	-	-	-	-	-
Radar Strip	Butler	Mid. Kittanning	38	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total			135	135	665	173,835	3,125	431,935								

NOTE: * Ammonium Nitrate was used at this mine.

District 4

Allaman Mining Co.	Clarion	Mid. & Lo. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Frogtown Strip				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

District 4

Operators and Mines	County	Geological name of coal bed	Height of seam in-ches	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)
				Shaft	Slope	Average	Drift	Gaseous	or	Flame	Permissible Black	Dynamite		
			depth	length	degrees	pitch	non-gaseous	open	safety	electrical	explosives	powder		
Cloverleaf Mines, Inc.	Clearfield	Up. Kittanning	25	-	-	-	-	-	-	-	-	-	2,000	-
Cloverleaf Strip & Auger														
Culbertson & Myers	Clarion	Lo. Kittanning	42	-	-	-	Drift	Nongaseous	4	2	-	800	-	-
C. & M.														
D. & J. Coal Co.	Clarion	Lo. Kittanning	36	-	-	-	Drift	Nongaseous	3	-	-	300	-	-
Daugherty & Sons, Mrs. W. A.	Jefferson	Lo. Freeport	48	-	-	-	Drift	Nongaseous	-	1	4	500	-	-
Daugherty No. 5														
Davis & McFadden	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-	-
D. & M. Strip														
Dean Coal Co.	Clarion	Clarion	32	-	-	-	-	-	-	-	-	-	-	*
Beaver Strip														
Doan Coal Co.	Jefferson	Mid. Kittanning	18	-	-	-	-	-	-	-	-	-	-	-
Doan Strip														
Doverspike, C. A.	Clarion	Lo. Kittanning	28	-	-	-	Drift	Nongaseous	2	-	-	100	-	-
Doverspike														
Eck Brothers Coal Co.	Clarion	Lo. Kittanning	52	-	-	-	Drift	Nongaseous	3	-	-	-	50	-
Eck														
Emery Brothers Coal Co.	Jefferson	Lo. Freeport	52	-	-	-	Drift	Nongaseous	2	-	-	600	-	-
Emery														
Eminton Limestone Co.	Clarion	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-
Eminton Strip														
Evans Coal Co.	Clarion	Lo. Kittanning	36	-	-	-	Drift	Nongaseous	-	2	12	900	-	-
Evans No. 4														
Evans Trucking Co.	Clarion	Lo. Kittanning	34	-	-	-	Drift	Nongaseous	-	2	15	450	-	-
Leasure Run														
F.A.N.G. Coal Co.	Jefferson	Lo. Freeport	60	-	-	-	Drift	Nongaseous	3	1	1	350	-	-
Wayne No. 2														
Foust, Richard L.	Jefferson	Up. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
Foust Strip														
G.N.A.T. Coal Co.	Jefferson	Lo. Freeport	60	-	-	-	Drift	Nongaseous	4	1	-	300	-	-
Wayne No. 2														
Glenn, W. Paul	Clarion	Clarion	30	-	-	-	-	-	-	-	-	-	-	-
Glenn Strip														
Hargrow Industries, Inc.	Clarion	Clarion	22	-	-	-	-	-	-	-	-	-	-	-
Hargrow Strip														

list of

Operators and Mines	County	Geological name of coal bed	Kind of Opening				Number and type				Explosives used		
			Height of seam in ches	Shaft: Slope : Ave- : age : pitch : degrees: drift: non-gaseous: or : Flame : Permissible Black powder	Drift	Drift	Drift	Drift	Drift	Drift	Drift	Drift	
Isafl, William G. Holt, Dale	Clarion	Lo. Kittanning	26	-	-	-	Drift	Nongaseous	1	-	-	-	-
Isman Brothers Coal Co. Holt	Jefferson	Up. Freeport	30	-	-	-	Drift	Nongaseous	-	1	3	-	600
Isman Strip Kahle Coal Co.	Clarion	Lo. Freeport Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	4,763
Kahle Strip Kiser, Wilbur H.	Clarion	Clarion Lo. Kittanning	22	-	-	-	-	-	-	-	-	-	12,725
Kiser Strip Kiebach, Joseph	Clarion	Clarion Lo. Kittanning	24	-	-	-	-	-	-	-	-	-	-
Kiebach Krach & Gearhart Coal Co.	Jefferson	Lo. Freeport	40	-	-	-	Drift	Nongaseous	-	1	4	800	-
K. & G. Strip Lundblad, Rudolph	Jefferson	Up. Freeport	26	-	-	-	-	-	-	-	-	-	-
Lundblad Mac Coal Co.	Jefferson	Lo. Freeport	36	-	-	-	Drift	Nongaseous	-	2	9	4,500	-
Mac No. 1 Strip	Clarion	Lo. Kittanning	34	-	-	-	-	-	-	-	-	-	40,000
Mac No. 2 Strip	Clarion	Clarion	32	-	-	-	-	-	-	-	-	-	40,000
Mauersberg, Kenneth & Gerald							Total						80,000
Mauersberg Strip Mays Coal Co.	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-
Mays Strip McCandless, R. F.	Clarion	Up. Freeport Lo. Kittanning	24 48	-	-	-	-	-	-	-	-	-	-
McCandless McIntosh Coal Co.	Clarion	Lo. Kittanning	38	-	-	-	Drift	Nongaseous	3	-	-	50	-
McIntosh Strip Miknis, Charles	Clearfield	Lo. Freeport	48	-	-	-	-	-	-	-	-	-	-
Miknis, Charles Miller, C. F.	Jefferson	Up. Freeport	32	-	-	-	Drift	Nongaseous	2	-	-	500	-
Miller Miller & Evans	Clarion	Up. Freeport	48	-	-	-	Drift	Nongaseous	1	-	-	-	-
Doverspike Minns Coal Co.	Clarion	Lo. Kittanning	28	-	-	-	Drift	Nongaseous	2	-	-	65	-
Minns Strip & Holt Auger	Jefferson	Up. & Lo. Freeport	38	-	-	-	-	-	-	-	-	-	8,031
Myers, Neuland Pensy No. 12	Clarion	Lo. Kittanning	36	-	-	-	Drift	Nongaseous	2	-	-	400	-

District 4

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)
				Shaft	Slope	Drift	Average age	Gaseous or	Flame	Permissible	Black powder	Dynamite		
Pascaret, James P. & G. Strip	Clarion	Lo. Kittanning Clarion	22	-	-	-	-	-	-	-	-	-	5,500	-
Pleasant Valley Coal Co. P V Strip	Clarion	Clarion	15	-	-	-	-	-	-	-	-	-	-	-
R. & R. Coal Co. Turkey Run	Clarion	Lo. Kittanning	38	-	-	Drift	Non-gaseous	5	2	-	600	-	-	-
Reed, Frank Reed	Clarion	Lo. Kittanning	30	-	-	Drift	Non-gaseous	7	1	-	-	-	-	-
Reed Coal Co., Earl M. Bostonia No. 2 Strip	Clarion	Up. Freeport Mid. Kittanning	44	-	-	-	-	-	-	-	-	-	3,425	*
Reed Contractors & Co., Inc., E. M. Bostonia No. 1 Strip	Clarion	Up. & Mid. Free. Mid. Kittanning	44	-	-	-	-	-	-	-	-	-	3,425	*
Reitz, Dawson Reitz Strip	Clarion	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-
Reitz Strip	Clarion	Lo. Freeport	42	-	-	-	-	-	-	-	-	-	-	-
Hill Top No. 4	Clarion	Lo. Freeport	54	-	-	Drift	Non-gaseous	3	-	-	600	-	-	-
						Total					600			
Rosio, Michael J. Rosio Strip	Jefferson	Up. Freeport	48	-	-	-	-	-	-	-	-	-	925	-
Samm Coal Co. Samm Strip	Clarion	Lo. Freeport Lo. Kittanning	60	-	-	-	-	-	-	-	-	-	-	-
Selker Coal Co. Gruber	Clarion	Clarion	36	-	-	Drift	Non-gaseous	3	-	-	-	-	-	-
Siegel Coal Co., Harold A. Siegel Strip	Clarion	Clarion	44	-	-	-	-	-	-	-	600	-	12,050	*
Smith & Sons, Farmer Farmer Smith Strip	Jefferson	Lo. Freeport	60	-	-	-	-	-	-	-	-	-	-	-
Snyder & Son, C. A. Snyder Strip	Jefferson	Up. Kittanning	32	-	-	-	-	-	-	-	-	-	1,340	*
Stahlman, Frank David, Jr. Stahlman Strip	Clarion	Clarion	44	-	-	-	-	-	-	-	-	-	-	-
Stahlman Coal Co., Inc., W. P. Stahlman Strip	Clarion	Clarion	30	-	-	-	-	-	-	-	-	-	43,500	*
Stiles Co., G. A. Stiles Strip	Clarion	Lo. Kittanning Clarion	36	-	-	-	-	-	-	-	-	-	15,600	*
Strishock, Stephen A. Strishock Strip	Jefferson	Mid. Kittanning	27	-	-	-	-	-	-	-	-	-	-	-
Walters Coal Mines Walters	Clarion	Lo. Kittanning	48	-	-	Drift	Non-gaseous	4	1	-	-	-	-	-

District 5

Operators and Mines	County	Geological name of coal bed	Height of seam in ches	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)
				Shaft	Slope	Drift	Average	Gasous	or	Flame	Safety	Electric	Dynamite	
				depth	length	degrees	pitch	non-gaseous	open	open	open	powder		
Best Brothers Coal Co.	Lawrence	Mid. Kittanning	30	-	-	-	Drift	Non-gaseous	5	-	-	550	-	-
Big Valley Coal Co.	Venango	Brookville	32	-	-	-	-	-	-	-	-	-	-	-
Bobo, Estate of George	Mercer	Brookville	54	-	-	-	-	-	-	-	-	-	-	-
Wolf Creek No. 13 Strip	Mercer	Brookville	54	-	-	-	-	-	-	-	-	-	1,650	*
								Total					1,650	
Boyles Coal & Supply Co.	Venango	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-
Clintonville Strip	Venango	Brookville	30	-	-	-	-	-	-	-	-	-	6,000	*
Brown Coal Co., W. G.	Mercer	Brookville	54	-	-	-	-	-	-	-	-	-	-	-
Buckeye Coal Co., The	Lawrence	Clarion	34	-	-	-	-	-	-	-	-	-	-	*
Mercer Strip								Total					-	
Lawrence Strip													-	
Castellucci, J., Excavating	Lawrence	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-	1,100	*
Helen No. 3 Strip	Mercer	Brookville	52	-	200	20	-	Non-gaseous	-	2	15	450	-	-
Center Coal Co.	Venango	Brookville	40	-	-	-	-	-	-	-	-	-	32,000	*
Chutz Brothers Coal Co.	Lawrence	Brookville	30	-	-	-	-	-	-	-	-	-	-	-
Chutz Strip													-	-
Curry Excavating & Mining Co.	Mercer	Brookville	36	120	-	-	-	Non-gaseous	24	2	-	1,750	-	-
Cenco Strip	Venango	Up. Kittanning	24	-	-	-	-	-	-	-	-	-	-	-
Coyer Coal Mines	Lawrence	Mid. Kittanning	48	-	-	-	-	-	-	-	-	-	-	-
Coyer No. 3	Mercer	Up. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
DeMarth, Theodore	Venango	Brookville	54	84	-	-	-	Homogeneous	-	-	10	1,800	-	-
Walters Strip	Lawrence	Clarion	30	-	-	-	-	-	-	-	-	-	2,250	*
Dodds Coal Co.	Lawrence	Mid. Kittanning	48	-	-	-	-	-	-	-	-	-	-	-
Dodds No. 1 Strip	Lawrence	Up. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
Filby Coal Co., J. H.	Mercer	Brookville	54	-	-	-	-	-	-	-	-	-	-	-
Peebles No. 2 Strip	Venango	Clarion	30	-	-	-	-	-	-	-	-	-	-	-
Fisher Mining Co.	Lawrence	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-	250	*
Sara													-	
Kable Coal Co.													-	
Manross Strip													-	
Keystone Valley Coal Co.													-	
Princeton Strip													-	

District 5

Operators and Mines	County	Geological name of coal bed	Height of seam in-ches	Kind of Opening				Number and type				Explosives used - pounds		
				Shaft	Slope	Drift	Average age	Lamps used	Type	Used	Explosives			
				in-	ches	depth	length	degrees	pitch	or	Flame	Electric	Black powder	Other (Name)
Weaver & Sons, A. P. Rapp Strip	Venango	Clarion	26	-	-	-	-	-	-	-	-	-	-	200 *
West Freedom Mining Co. No. 11 Strip	Lawrence	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-	1,000 *
Willowbrook Mining Co. Corry Strip	Lawrence	Up. Kittanning	24	-	-	-	-	-	-	-	-	-	-	-
District Total									32	4	25	255,745	-	540,025

NOTE: * Ammonium Nitrate was used at this mine.

District 6

Adams Fuel Corp.																	
Riverside No. 2	Cambria	Up. Kittanning	36	-	-	-	-	-	Drift	Nongaseous	-	2	14	100	-	-	-
Bastine Coal Co.	Cambria	Up. Freeport	36	-	-	-	-	-	Drift	Nongaseous	-	1	2	100	-	-	-
Big Rock No. 1	Cambria	Up. Kittanning	30	-	-	-	-	-	Drift	Nongaseous	3	1	-	20	-	-	-
Beatrice Coal Co.	Cambria	Lo. Kittanning	42	-	-	-	-	-	Drift	Nongaseous	3	1	-	15	-	-	-
Beck Coal Co.	Cambria	Lo. Kittanning	46	840	-	-	-	-	-	Gaseous	-	50	420	7,640	-	-	-
Benscreek No. 1	Cambria	Lo. Freeport	50	-	-	-	-	-	Drift	Nongaseous	4	1	-	420	-	-	-
Berwind-White Coal Mining Co.	Cambria	Up. & Lo. Kitt.	36	-	-	-	-	-	-	-	-	-	-	-	-	4,000	*
Maryland No. 2	Cambria	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Briar Hill Coal Co.	Cambria	Up. Freeport	48	-	530	13°45'	-	-	-	Gaseous	-	18	150	4,100	-	-	-
Briar Hill	Cambria	Prookville	24	-	-	-	-	-	-	-	-	-	-	-	-	1,400	*
Cooney Brothers Coal Co.	Cambria	Up. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Martindale No. 1 Strip	Cambria																-
Dunlo Construction Co.	Cambria																-
Dunlo No. 2 Strip	Cambria																-
Eastern Gas & Fuel Associates	Cambria																-
Soman Slope	Cambria																-
Feller Coal Co., Inc., E. E.	Cambria																-
Ogletown Strip	Cambria																-
Heshbon Coal Co., Inc.	Cambria																-
Eureka No. 36 Strip	Cambria																-

District 6

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds	Other (Name)
				Shaft	Slope	Drift	Average	Gas	Gas	Flame	Permissible		
				length	pitch	degrees	degrees	non-gaseous	open	safety	electric	powder	Dynamite
Hoberney Coal Co.	Cambria	Up. Kittanning	30	-	-	Drift	Nongaseous	1	-	-	-	50	-
Hoberney No. 1	Cambria	Up. Kittanning	36	-	-	Drift	Nongaseous	3	-	-	-	100	-
Horner & Custer Coal Co.	Cambria	Up. Freeport	49	-	-	Drift	Nongaseous	1	-	-	-	10	-
Johnson Coal Co., Carl	Cambria	Up. Kittanning	44	-	-	-	-	-	-	-	-	-	1,600
Jones Coal Co., E. L.	Cambria	Up. & Lo. Freeport	32	-	-	-	-	-	-	-	-	-	-
No. 1 Strip	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Krise Coal Co.	Cambria	Lo. Kittanning	38	-	-	Drift	Nongaseous	4	1	-	-	300	-
No. 1 Strip	Cambria	Up. Kittanning	46	-	-	Drift	Nongaseous	-	2	4	-	400	-
L. & R. Coal Co.	Cambria	Lo. Kittanning	36	-	2,200	7	-	Nongaseous	1	7	1,100	-	-
Lick Run No. 2	Cambria	Lo. Freeport	42	-	-	Drift	Nongaseous	2	-	-	-	50	-
Lonely Coal Co.	Cambria	Lo. Kittanning	44	-	-	Drift	Nongaseous	1	-	-	-	100	-
Lonely No. 1	Cambria	Lo. Kittanning	48	-	-	Drift	Nongaseous	2	-	-	-	-	-
Marport Coal Co.	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	-	-	-	-	-	-
Marport No. 2	Cambria	Lo. Freeport	44	-	-	Drift	Nongaseous	1	-	-	-	-	-
Martindale Coal Co.	Cambria	Lo. Kittanning	48	-	-	Drift	Nongaseous	2	-	-	-	-	-
Martindale No. 1	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	2	-	-	-	-	-
Obreza Coal Co.	Cambria	Lo. Kittanning	44	-	-	Drift	Nongaseous	1	-	-	-	-	-
Krayn No. 1	Cambria	Lo. Kittanning	48	-	-	Drift	Nongaseous	2	-	-	-	-	-
Paulson Coal Co.	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	2	-	-	-	-	-
No. 1	Cambria	Lo. Freeport	44	-	-	Drift	Nongaseous	2	-	-	-	-	-
Pennsylvania Coal & Coke, Div. of	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	2	-	-	-	-	-
Fairbanks Whitney Corp.	Cambria	Lo. Freeport	44	-	-	Drift	Nongaseous	2	-	-	-	-	-
Ehrenfeld No. 3	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	2	-	-	-	-	-
Ehrenfeld No. 8	Cambria	Lo. Freeport	44	-	-	Drift	Nongaseous	2	-	-	-	-	-
Primovich & Permisky Coal Co.	Cambria	Up. Freeport	36	-	-	Drift	Nongaseous	2	4	100	-	-	-
Leamer No. 1	Cambria	Lo. Freeport	42	-	-	Drift	Nongaseous	2	12	250	-	-	-
Prospect Coal Co.	Cambria	Up. Freeport	40	-	-	Drift	Nongaseous	2	-	200	-	-	-
Proziateck Coal Co.	Cambria	Up. Freeport	50	-	-	Drift	Nongaseous	2	-	-	-	-	-
Proziateck No. 1	Cambria	Lo. Kittanning	48	-	250	7	-	Nongaseous	4	-	-	-	-
R. & J. Coal Co.	Cambria	Lo. Kittanning	48	-	250	7	-	Nongaseous	4	-	-	-	-
No. 1	Cambria	Lo. Kittanning	48	-	250	7	-	Nongaseous	4	-	-	-	-
Rock Tunnel Coal Co.	Cambria	Lo. Kittanning	48	-	250	7	-	Nongaseous	4	-	-	-	-
No. 1	Cambria	Lo. Kittanning	48	-	250	7	-	Nongaseous	4	-	-	-	-

District 6

Operators and Mines	County	Geological name of coal bed	Kind of Opening				Number and type				Explosives used - pounds
			Height of seam in ches	Shaft: Slope	Drift: Aver-	Pitch: age	Gaseous	Flame	Electric	Black powder	
Sheesley Coal Co. No. 2 Strip	Cambria	Brookville	28	-	-	-	-	-	-	250	-
Wantiez Coal Co. No. 2	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	3	-	-	-
Weaver & Burkett Coal Co. No. 1	Cambria	Lo. Kittanning	43	-	-	Drift	Nongaseous	3	-	75	-
District Total			38	107	730	49,480	-	8,700			

NOTE: * Ammonium Nitrate was used at this mine.

District 7

A. M. & K. Coal Co. Wilbur B. & E. Coal Co. B. & E.	Somerset	Lo. Kittanning	45	-	-	Drift	Nongaseous	2	5	720	-
Bender Coal Co., Leo, Jr.	Somerset	Lo. Kittanning	34	-	-	Drift	Nongaseous	4	1	3,000	-
Berkebile Coal Co., E. & F. Berkebile Bethlehem Mines Corp. No. 73 No. 74	Somerset	Up. Kittanning	72	-	-	Drift	Nongaseous	2	1	1,400	-
Bird Coal Co. Bird No. 2 Bird No. 3	Cambria	Up. Kittanning	42	-	-	Drift	Nongaseous	41	335	23,250	-
Brown Coal Co. Brown Cr Coal Co. Rodger	Somerset	Lo. Kittanning	66	-	-	Drift	Nongaseous	10	40	19,400	-
Cable Coal & Construction Co. No. 3	Somerset	Up. Kittanning	44	-	-	Drift	Nongaseous	41	375	42,450	-
District Total			38	107	730	49,480	-	8,700			

Table 1

Operators and Mines	County	Geological name of coal bed	Kind of Opening										Number and type			Explosives used - in tons	
			Height of shaft		Clope		Drift		Average		Gaseous		Lamps used				
			of seam in-ches	degrees	pitch	degrees	pitch	degrees	degrees	degrees	degrees	degrees	Flame	Electric	Black powder		
City View Coal Co.	Cambria	Up. Freeport	42	-	-	-	-	Drift	Nongaseous	3	-	-	-	-	100	-	-
City View No. 1	Cambria	Up. Freeport	39	-	-	-	-	Drift	Nongaseous	3	-	-	-	-	75	-	-
City View No. 2									Total	6	-	-	-	-	175	-	-
Clark & Sturt Coal Co.	Somerset	Lo. Kittanning	48	-	-	-	-	Drift	Nongaseous	2	-	-	-	-	1,200	-	-
Coal Junction Coal Co.	Somerset	Up. Kittanning	72	-	-	-	-	-	-	-	-	-	-	-	1,900	-	-
Hoke No. 2 Strip	Somerset	Lo. Kittanning	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cook Coal Co., Ben P.	Somerset	Lo. Kittanning	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cook Strip	Somerset	Lo. Kittanning	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deal & Lantry Coal Co.	Cambria	Up. Freeport	33	-	-	-	-	Drift	Nongaseous	-	2	40	-	-	650	-	-
Dinning Coal Co., Ray M.	Somerset	Lo. Kittanning	54	-	-	-	-	Drift	Nongaseous	-	3	35	-	-	5,000	-	-
Wilbur No. 4	Somerset	Lo. Kittanning	54	-	-	-	-	Drift	Nongaseous	-	3	35	-	-	5,000	-	-
Gertz Coal Co.	Cambria	Up. Freeport	42	-	-	-	-	Drift	Nongaseous	2	-	-	-	-	125	-	-
Gertz	Cambria	Up. Freeport	42	-	-	-	-	Drift	Nongaseous	2	-	-	-	-	125	-	-
Greathouse Coal Co.	Cambria	Lo. Freeport	37	-	-	-	-	Drift	Nongaseous	-	1	9	-	-	100	-	-
Greathouse	Cambria	Lo. Freeport	37	-	-	-	-	Drift	Nongaseous	-	1	9	-	-	100	-	-
Hagans & Baker Coal Co.	Somerset	Lo. Kittanning	54	-	-	-	-	Drift	Nongaseous	2	-	-	-	-	500	-	-
Hagans & Baker	Somerset	Lo. Kittanning	54	-	-	-	-	Drift	Nongaseous	2	-	-	-	-	500	-	-
Hause Coal Co.	Somerset	Lo. Kittanning	54	-	-	-	-	Drift	Nongaseous	3	-	-	-	-	300	-	-
Hause	Somerset	Lo. Kittanning	54	-	-	-	-	Drift	Nongaseous	3	-	-	-	-	300	-	-
Heidingsfelder Coal Co., Fred C.	Cambria	Up. Kittanning	42	-	-	-	-	Drift	Nongaseous	1	-	-	-	-	75	-	-
Heidingsfelder	Cambria	Up. Kittanning	42	-	-	-	-	Drift	Nongaseous	1	-	-	-	-	75	-	-
Horne Coal Co., O. B.	Somerset	Up. Kittanning	42	-	-	-	-	Drift	Nongaseous	3	1	-	-	-	150	-	-
North Fork	Somerset	Up. Kittanning	42	-	-	-	-	Drift	Nongaseous	3	1	-	-	-	150	-	-
Hritz Coal Co., George	Somerset	Up. Kittanning	42	-	-	-	-	Drift	Nongaseous	7	1	-	-	-	3,450	-	-
Hritz	Somerset	Up. Kittanning	42	-	-	-	-	Drift	Nongaseous	7	1	-	-	-	3,450	-	-
Huber Street Coal Mining Co.	Cambria	Up. Kittanning	37	-	-	-	-	Drift	Nongaseous	2	-	-	-	-	100	-	-
Huber	Cambria	Up. Kittanning	37	-	-	-	-	Drift	Nongaseous	2	-	-	-	-	100	-	-
Huston Coal Co.	Somerset	Lo. Kittanning	36	-	-	-	-	Drift	Nongaseous	3	-	-	-	-	600	-	-
Huston	Somerset	Lo. Kittanning	36	-	-	-	-	Drift	Nongaseous	3	-	-	-	-	600	-	-
Jock & Evensch Coal Co.	Somerset	Lo. Kittanning	46	-	-	-	-	Drift	Nongaseous	-	2	8	-	-	500	-	-
Wilbur, E. Section	Somerset	Lo. Kittanning	46	-	-	-	-	Drift	Nongaseous	-	2	8	-	-	500	-	-
Kelso Coal Co.	Somerset	Up. Kittanning	54	-	-	-	-	Drift	Nongaseous	-	7	27	-	-	1,800	-	-
Bird No. 1	Somerset	Up. Kittanning	54	-	-	-	-	Drift	Nongaseous	-	7	27	-	-	1,800	-	-

District 7

Operators and Mines		County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)
					Shaft	Slope	Drift	Average age	Gaseous or	Lamps used	Type	Explosives			
												depth in feet	in degrees	in degrees	
Kukenberger Coal Co., John No. 1	Cambridia	Up. Freeport	42	-	-	Drift	Non-gaseous	2	1	-	-	135	-	-	
Kukenberger Coal Co., Victor Kukenberger	Somerset	Up. Kittanning	48	-	-	Drift	Non-gaseous	2	1	-	-	5	-	-	
Lawrence Brothers Coal Co.	Somerset	Lo. Kittanning	40	-	-	Drift	Non-gaseous	-	1	3	-	1,000	-	-	
Meske Coal Co.	Cambridia	Up. Kittanning	48	-	-	Drift	Non-gaseous	6	2	-	-	325	-	-	
Mostoller Coal Co., Leonard	Somerset	Up. Kittanning	48	-	-	Drift	Non-gaseous	2	-	-	-	200	-	-	
Muccioli Coal Co.	Cambridia	Lo. Freeport	36	-	-	Drift	Non-gaseous	4	-	-	-	100	-	-	
Nau Coal Co., Edward	Cambridia	Up. Kittanning	40	-	-	Drift	Non-gaseous	4	-	-	-	150	-	-	
Park Hill Coal Co.	Somerset	Up. Kittanning	34	-	-	Drift	Non-gaseous	3	-	-	-	50	-	-	
Potochar & Potochar Coal Co.	Somerset	Lo. Kittanning	44	-	-	Drift	Non-gaseous	-	-	2	-	3,000	-	-	
Powell Coal Co., Anson	Somerset	Up. Kittanning	42	-	-	Drift	Non-gaseous	5	-	-	-	500	-	-	
Pysnik Coal Co.	Somerset	Lo. Kittanning	39	-	-	Drift	Non-gaseous	?	-	-	-	150	-	-	
Richards Coal Co.	Somerset	Lo. Kittanning	32	-	-	Drift	Non-gaseous	3	-	-	-	10,000	-	-	
Ripple Coal Co.	Cambridia	Up. Freeport	48	-	-	Drift	Non-gaseous	3	-	-	-	225	-	-	
Rose Coal Co., Elmer	Somerset	Pittsburgh	55	-	-	Drift	Non-gaseous	1	-	-	-	50	-	-	
Rosey & Putman Coal Co.	Somerset	Up. Kittanning	44	-	-	Drift	Non-gaseous	?	-	-	-	50	-	-	
Thomas Mill	Somerset	Up. Freeport	42	-	-	Drift	Non-gaseous	3	-	-	-	800	-	-	
Sarlouis Coal Co., Robert	Cambridia	Up. Freeport	32	-	-	Drift	Non-gaseous	2	-	-	-	25	-	-	
Shank Coal Co., Albon C. Shank	Cambridia	Up. Freeport	42	-	-	Drift	Non-gaseous	4	-	-	-	150	-	-	

District 8

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type of lamps used				Explosives used - pounds	
				Shaft	Slope	Drift	Average age	Pitch	Flame	Permissible	Black	Other	
													depth
Beaver, Thomas	Centre	Mid. Kittanning	28	-	-	-	Drift	Nonnaseous	4	-	150	-	-
Berzonsky & Saupp Coal Co.	Clearfield	Lo. Freeport	66	-	-	-	Drift	Nonnaseous	5	1	700	-	-
Biggans, Andy, Jr.	Centre	Lo. Kittanning	60	-	-	-	Drift	Nonnaseous	2	-	700	300	-
Blake Coal Co.	Clearfield	Lo. Kittanning	48	-	-	-	Drift	Nonnaseous	4	-	1,200	-	-
Bloom, Carl & Hex M.	Clearfield	Lo. Kittanning	32	-	-	-	Drift	Nonnaseous	2	-	40	-	-
Bloom No. 1	Centre	Clarion "A"	19	-	-	-	-	-	-	-	5,000	*	-
Carlin, Inc., R. S.	Lycoming	Lo. Freeport	24	-	-	-	Drift	Nonnaseous	4	-	5,250	175	-
Carlin No. 6 Strip	Clearfield	Mid. Kittanning	30	-	-	-	Drift	Nonnaseous	2	-	-	-	-
Carson, O. R.	Clinton	Up. Freeport	54	-	-	-	Drift	Nonnaseous	2	-	-	250	-
Bache	Centre	Brookville	20	-	-	-	Drift	Nonnaseous	2	-	-	250	-
Cartwright & Galeski C. & G.	Centre	Lo. Kittanning	42	-	-	-	Drift	Nonnaseous	2	-	-	50	-
Casper, Lewis R.	Centre	Lo. Kittanning	28	-	-	-	-	-	-	-	50,000	-	-
Catherman, Theodore J.	Centre	Lo. Freeport	24	-	-	-	-	-	-	-	5,000	-	-
Chambers & Son, Cordes	Centre	Brookville	22	-	-	-	-	-	-	-	-	-	-
Cherry Run Coal Mining Co.	Centre	Brookville	48	-	-	-	Drift	Nonnaseous	4	-	350	950	-
Cherry Run No. 4 Strip	Centre	Brookville	48	-	-	-	Drift	Nonnaseous	4	-	350	950	-
Lehigh "D" Strip	Centre	Brookville	48	-	-	-	Drift	Nonnaseous	4	-	350	950	-
Quick "A" Strip	Centre	Brookville	48	-	-	-	Drift	Nonnaseous	4	-	350	950	-
Cherry Run No. 4	Centre	Brookville	48	-	-	-	Drift	Nonnaseous	4	-	350	950	-
Cleslar, John	Centre	Brookville	48	-	-	-	Drift	Nonnaseous	2	-	200	300	-
Cleslar	Lycoming	Lo. Kittanning	28	-	-	-	Drift	Nonnaseous	3	-	-	2,000	-
Cogan Coal Co.	Lycoming	Lo. Kittanning	28	-	-	-	-	-	-	-	4,000	-	-
Cogan No. 1	Centre	Brookville	28	-	-	-	-	-	-	-	4,000	2,000	-
Cogan Strip	Centre	Brookville	28	-	-	-	-	-	-	-	4,000	2,000	-
DePalma Brothers	Centre	Brookville	44	-	-	-	Drift	Nonnaseous	3	-	3,000	-	-
Smooth Hill No. 2	Clearfield	Mid. Kittanning	22	-	-	-	-	-	-	-	-	-	990
DeBono Coal Co., John A.													
Ashland Strip													

District 8

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds		
				Shaft	Slope	Drift	Average pitch	Lamps used	Type	Safety				
				depth	length	degrees	pitch			non-gaseous	open	electric	powder	Other (Name)
Elliot Coal Mining Co., Inc.														
Penn No. 7	Centre	Lo. Kittanning	42	-	-	Drift	-	-	-	500	-	-	-	-
Elliot CE No. 1 Strip	Centre	Lo. & Mid. Kitt.	30	-	-	-	-	-	-	-	-	-	-	27,000 *
Elliot CL No. 1 Strip	Clearfield	Lo. & Mid. Kitt.	28	-	-	-	-	-	-	-	-	-	-	6,000 *
Emig, John F.														
Emig	Lycoming	Lo. Kittanning	40	-	-	Drift	-	-	-	150	-	-	-	-
Evelyn Coal Co.														
Evelyn Strip	Centre	Lo. Kittanning	48	-	-	-	-	-	-	300	-	-	-	-
Fall Brook Coal Mining Co.														
So. Mountain Strip	Tioga	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
Fink & Son, C. V.														
Fink No. 1 Strip	Clinton	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	53,015 *
Holmes Strip	Clinton	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
Maney Strip	Clinton	Lo. Kittanning	20	-	-	-	-	-	-	-	-	-	-	1,050
Fisher & Smith Coal Operators														
Bucky Run Strip	Lycoming	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	9,300 *
Gillen & Son, R. C.		Lo. Kittanning	48	-	-	-	-	-	-	-	-	-	-	-
Rock Cabin Strip	Clinton	Brookville	29	-	-	-	-	-	-	600	-	-	-	60,000
Granville & Walker Coal Co.														
Ralston No. 4 Strip	Lycoming	Up. Freeport	26	-	-	-	-	-	-	-	-	-	-	-
Grossman, Nicholas														
Grossman	Clearfield	Mid. Kittanning	27	-	-	Drift	-	-	-	300	-	-	-	-
Guy Coal Co.														
Golden Glow Strip	Tioga	Lo. Freeport	48	-	-	-	-	-	-	1,100	-	-	-	200
H. & R. Coal Co.														
Cook House	Centre	Brookville	36	-	-	Drift	-	-	1	3,200	-	-	-	-
Cook House Strip	Centre	Brookville	36	-	-	-	-	-	-	-	-	-	-	-
Hansel Coal Mining Co., S. R.														
Hansel No. 4 Strip	Clearfield	Lo. Kittanning	18	-	-	-	-	-	-	-	-	-	-	583
Harbison Walker Refractory Co.		Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-	*
Bigler Strip	Clearfield	Up. Kittanning	19	-	-	-	-	-	-	-	-	-	-	-
Harchak & Lucas Coal Co.														
Harchak & Lucas Strip	Centre	Lo. Kittanning	34	-	-	-	-	-	-	8,000	-	-	-	-
Harpster & Son, Harry P.														
Harpster	Centre	Brookville	54	-	600	3	-	-	-	288	3,300	-	-	-

District 8[illegible]

[illegible]

District 8[illegible]

District 8

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening		Drift	Number and type of lamps used		Explosives used - pounds	Other (Name)
				Shaft	Slope		Drift	lamps used		
Vaughn Brothers										
Vaughn	Centre	Brookville	54	-	-	Drift	Non-gaseous	2	-	100
Vulcan Coal Co.	Clearfield	Lo. Kittanning	28	-	-	Drift	Non-gaseous	-	2	60
Mid Pen No. 5										
Walker Coal Co., Charles C.	Centre	Brookville	42	-	-	Drift	Non-gaseous	4	-	1,500
Walker No. 2										
Waxmunsy, Frank	Centre	Brookville	36	-	-	Drift	Non-gaseous	1	-	350
Waxmunsy										
Wertz Coal Co., D. G.	Clinton	Lo. Kittanning	48	-	-	-	-	-	-	8,900 *
Wesport Strip										
Wilkinson, George L.	Centre	Lo. Kittanning	48	-	-	Drift	Non-gaseous	3	-	610
Wilkinson										
Wilks, Thomas, Jr.	Clearfield	Lo. Kittanning	48	-	-	Drift	Non-gaseous	2	-	100
Imperial No. 12B										
Wilks Brothers Stripping Co.	Clearfield	Lo. Kittanning	24	-	-	-	-	-	-	100
Wilks No. 1 Strip										
Yebernetsky, Metro	Clearfield	Brookville	32	-	-	-	-	-	-	100
No. 4 Strip										
District Total			203		6	64	873,390	18,575	905,296	

NOTE: * Ammonium Nitrate was used at this mine.

District 9

Groves, Lundin & Cox, Inc.										
Groves Co., C. H.										
Auer	Washington	Pittsburgh	46	-	-	-	-	-	-	-
Jones & Laughlin Steel Corp.										
Vesta No. 4	Washington	Pittsburgh	70	-	-	Drift	Gaseous	33	117	3,968
Vesta No. 5	Washington	Pittsburgh	67	-	-	Drift	Gaseous	345	1,329	212,932
Total			-		-	378	1,446	216,900	-	-
Keystone Construction Co.										
No. 1 Strip	Washington	Pittsburgh	72	-	-	-	-	-	-	200
Latrobe Construction Co.										
Driftwood Strip	Washington	Pittsburgh	46	-	-	-	-	-	-	6,400

District 11

Operators and Mines	County	Geological name of coal bed	Height of seam in ches	Kind of Opening				Number and type				Explosives used - pounds		Other
				Shaft	Slope	Drift	Average	Gaseous	or	Flame	Electric	Black powder	Dynamite	
Rowman Coal Co.	Westmoreland	Up. Freeport	40	-	-	Drift	Caseous	-	21	62	23,000	-	-	-
Byrne, Frank F.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Marquerite Strip	Westmoreland	Up. Freeport	50	-	-	Drift	Non-gaseous	4	-	-	50	-	-	-
Corvi	Westmoreland	Lo. Freeport	56	-	-	Drift	Non-gaseous	2	-	-	100	-	-	-
Crusan, Blair L.	Westmoreland	Up. Freeport	42	-	-	Drift	Non-gaseous	3	-	-	600	-	-	-
Crusan	Westmoreland	Pittsburgh	66	-	-	Drift	Non-gaseous	4	-	-	400	-	-	-
Chiney	Westmoreland	Pittsburgh	60	-	-	Drift	Non-gaseous	2	-	-	100	-	-	-
Dunlap Coal Co.	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	2	5	1,000	-	-	-
Hoyie, Ruth N.	Westmoreland	Pittsburgh	94	-	-	Drift	Gaseous	-	4	20	1,200	-	-	-
Hoyie	Westmoreland	Lo. Freeport	42	-	-	Drift	Non-gaseous	2	-	-	350	-	-	-
Karazsia Coal Co.	Westmoreland	Lo. Kittanning	42	-	-	Drift	Non-gaseous	-	1	5	120	-	-	-
Karazsia No. 1	Westmoreland	Up. Freeport	48	-	-	Drift	Non-gaseous	-	2	15	400	-	-	-
Kenallen Coal Co.	Westmoreland	Up. Freeport	42	-	-	Drift	Non-gaseous	-	-	-	100	-	-	-
Carpentertown No. 2	Westmoreland	Pittsburgh	72	-	-	Drift	Non-gaseous	-	-	-	50	-	-	-
Kuhns, John H.	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	1,000	-	-	-
Latrobe Fuel	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	2,000	-	-	-
Laurel Valley Coal Co.	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	500	-	-	-
Bottegall	Westmoreland	Double Freeport	94	-	-	Drift	Non-gaseous	2	-	-	100	-	-	-
Lewis Coal & Coke Co.	Westmoreland	Up. Freeport	42	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Foxtown	Westmoreland	Pittsburgh	72	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Long, Robert C.	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Long	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Losier Brothers Coal Co.	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Losier No. 2	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Lyda Coal & Land Co.	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Graff	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Miller, Ellis	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Menober	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Overly, L. W.	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Mammoth Strip	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Pennessi Coal Co.	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Pennessi	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Phemister, H. I.	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-
Watson No. 5	Westmoreland	Pittsburgh	94	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-

District 11

Operators and Mines	County	Geological name of coal bed	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)
			Height of seam in feet	Shaft: Slope	Drift: Aver-	Drift: age	Gaseous or	lamps used	Flame	Permissible	Black powder	Dynamite	
Pittsburgh Coal Co., Div. of Consolidation Coal Co.	Westmoreland	Pittsburgh	96	290 4,400	7	-	Caseous	-	30	200	-	-	-
Hostetter	Westmoreland	Lo. Freeport	60	-	-	Drift	Nongaseous	2	-	-	-	-	-
Porch	Westmoreland	Pittsburgh	90	160 750	16	-	Caseous	-	75	300	-	-	-
Republic Steel Corp.	Westmoreland	Up. Freeport	44	48 707 1,187	16	Drift	Caseous	-	60	300	-	-	-
Banning No. 3	Westmoreland	Pittsburgh	72	-	-	Drift	Nongaseous	-	2	10	-	-	-
Seanoor-Loyal	Westmoreland	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
Sekora's Coal Co.	Westmoreland	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-
Sekora	Westmoreland	Double Freeport	60	-	1,000	14	Nongaseous	5	-	-	-	-	-
Smith, C. E.	Westmoreland	Sewickley	58	-	-	-	-	-	-	-	-	-	-
Hoover Strip	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-
Soberdash Coal & Coke Co.	Westmoreland	Pittsburgh	72	-	-	Drift	Nongaseous	3	-	-	-	-	-
Hunker Strip & Auger	Westmoreland	Mid. Kittanning	30	-	-	Drift	Nongaseous	2	-	-	-	-	-
Spewock, Theodore	Westmoreland	Redstone	44	-	-	-	-	-	-	-	-	-	-
Spewock	Westmoreland	Pittsburgh	84	-	-	Drift	Nongaseous	2	-	-	-	-	-
Tainton & Son	Westmoreland	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Tainton Strip	Westmoreland	Redstone	48	-	-	Drift	Nongaseous	3	-	-	-	-	-
Ullishney Fuel Co.	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-
St. Vincent Strip	Westmoreland	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Vucish Coal Co.	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-	-
Milts	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-
Walkowsky, Frank	Westmoreland	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-
W. & H.	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-	-
Ward, Thomas J.	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-
Bayus Strip	Westmoreland	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Woodward, Leroy	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-	-
Woodward No. 2	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-
Yack, M. J.	Westmoreland	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Haws Pike	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-	-
Zufall, Clarence	Westmoreland	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-
McCiffen	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-	-
District Total			49	198	919	242,470	-	-	-	-	-	-	-

District 12

Operators and Mines	County	Geological name of coal bed	Height of seam in chs	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)
				Shaft	Slope	Drift	Average	Age	Gaseous	or	Flame	Permissible	Black	
				depth	length	degrees	drift	non-gaseous	open	safety	electric	explosives	powder	Dynamite
Allhouse & Park Coal Co.														
Pifer	Jefferson	Lo. Freeport	60	-	-	-	Drift	Nongaseous	2	1	-	500	-	-
Arcadia Co., Inc.														
Arcadia Strip	Indiana	Lo. Freeport	24	-	-	-	-	-	-	-	-	5,310	-	350 *
Bacheller Coal Co.														
Bacheller	Clearfield	Up. Freeport	30	-	-	-	Drift	Nongaseous	2	-	-	-	-	-
Baldauf Coal Co., John A.														
B. & N.	Jefferson	Lo. Freeport	48	-	-	-	Drift	Nongaseous	3	-	-	350	-	-
Barlar Coal Co., Inc.														
Sutter Strip	Jefferson	Mid. Kittanning	30	-	-	-	-	-	-	-	-	500	-	-
No. 1	Jefferson	Mid. Kittanning	30	-	-	-	Drift	Nongaseous	6	1	-	150	-	-
								Total	6	1	-	650	-	-
Baughman Coal Co., R. D.														
Baughman Strip	Jefferson	Lo. Kittanning	24	-	-	-	-	-	-	-	-	80,000	-	5,400
Baun Coal Co.														
No. 2	Indiana	Lo. Kittanning	28	-	-	-	Drift	Nongaseous	4	1	-	500	-	-
Beckman, E. C.														
Beckman Strip	Jefferson	Lo. Freeport	60	-	-	-	-	-	-	-	-	-	-	-
Beckman, R. A.														
No. 6	Jefferson	Lo. Freeport	52	-	-	-	Drift	Nongaseous	2	-	-	-	-	-
Big Run Coal Co.														
Way No. 1 Strip	Clearfield	Mid. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-
Bloom Brothers														
Bloom	Clearfield	Up. Freeport	60	-	-	-	Drift	Nongaseous	2	-	-	50	100	-
Bookwalter Brothers Coal Co.														
Hazlett Strip	Clearfield	Lo. Freeport	32	-	-	-	-	-	-	-	-	-	-	-
Brady, Edward														
Brady	Indiana	Up. Freeport	48	-	-	-	Drift	Nongaseous	1	-	-	150	-	-
Brillhart Coal Co.														
Brillhart	Indiana	Up. Freeport	44	-	-	-	Drift	Nongaseous	3	-	-	50	-	-
Brumbaugh Brothers Coal Co.														
Strip	Jefferson	Lo. Kittanning	40	-	-	-	-	-	-	-	-	-	-	*
Burba, Michael M.														
Burba No. 2	Indiana	Up. Freeport	48	-	-	-	Drift	Nongaseous	2	-	-	200	-	-
Burns Coal Co., F. C.														
Richards	Indiana	Lo. Freeport	40	-	-	-	Drift	Nongaseous	4	-	-	600	-	-
Shields	Indiana	Lo. Freeport	40	-	-	-	Drift	Nongaseous	2	-	-	900	-	-
								Total	6	-	-	1,500	-	-

District 12

Operators and Mines	County	Geological name of coal bed	Height of seam in chas.	Kind of Opening			Number and type			Explosives used - pounds			Other (Name)	
				Shaft	Slope	Drift	Average	Age	Gaseous or	Drift	Flame	Permissible Black powder		Dynamite
Caltagarene Brothers Coal Co.	Jefferson	Mid. Kittanning	18	-	-	-	-	-	-	-	-	-	-	-
Caltagarene Strip Cardamone Coal Co.	Indiana	Up. Freeport	48	-	-	Drift	Nongaseous	3	-	-	-	1,100	-	-
Carlson Coal Co., K. C.	Indiana	Up. Freeport	36	-	-	Drift	Nongaseous	3	-	-	-	500	-	-
Calderwood Catalano Coal Co., Camela	Indiana	Up. Freeport	46	-	-	Drift	Nongaseous	3	-	-	-	2,750	-	-
Cessna Coal Co.	Indiana	Lo. Freeport	36	-	-	Drift	Nongaseous	-	1	4	-	2,450	-	-
DeFalco, Joseph	Clearfield	Lo. Freeport	36	-	-	Drift	Nongaseous	1	-	-	-	50	-	-
Defelice & Dinger Coal Co.	Jefferson	Up. Freeport	60	-	-	Drift	Nongaseous	2	-	-	-	20	-	-
D. & D.	Jefferson	Up. Freeport	60	-	-	Drift	Nongaseous	1	-	-	-	50	-	-
Dinger, Harold	Jefferson	Up. Freeport	60	-	-	Drift	Nongaseous	1	-	-	-	50	-	-
Alcorn	Jefferson	Up. Freeport	60	-	-	Drift	Nongaseous	1	-	-	-	50	-	-
Doverspike Brothers Coal Co.	Jefferson	Lo. Freeport	30	-	-	Drift	Nongaseous	-	1	13	-	5,900	-	-
No. 3	Jefferson	Lo. Freeport	30	-	-	Drift	Nongaseous	-	1	13	-	5,900	-	-
East Branch Equipment Co.	Jefferson	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-	500
East Branch Strip Engleman, Charles	Jefferson	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-	500
Bath Strip	Jefferson	Lo. Freeport	50	-	-	-	-	-	-	-	-	9,318	-	-
Fairview Coal Co.	Jefferson	Lo. Freeport	50	-	-	-	-	-	-	-	-	9,318	-	-
No. 5	Jefferson	Lo. Kittanning	34	-	-	Drift	Nongaseous	-	1	12	-	1,500	-	-
Fenstermaker Coal Co.	Jefferson	Lo. Kittanning	34	-	-	Drift	Nongaseous	-	1	12	-	1,500	-	-
Fenstermaker Fetterman Coal Co.	Jefferson	Lo. Kittanning	32	-	-	Drift	Nongaseous	4	1	-	-	250	-	-
Graham No. 12	Indiana	Lo. Freeport	60	-	-	Drift	Nongaseous	4	1	-	-	300	-	-
Flemming & Sons, E. F.	Indiana	Lo. Freeport	60	-	-	Drift	Nongaseous	4	1	-	-	300	-	-
Savan No. 1	Indiana	Lo. Kittanning	42	-	-	Drift	Nongaseous	3	-	-	-	50	-	-
Flynn Brothers Coal Co.	Clearfield	Up. Freeport	42	-	-	Drift	Nongaseous	4	-	-	-	200	-	-
No. 1	Clearfield	Up. Freeport	42	-	-	Drift	Nongaseous	4	-	-	-	200	-	-
Freno	Indiana	Up. Freeport	48	-	-	Drift	Nongaseous	1	-	-	-	100	-	-
Frye, M. A.	Clearfield	Lo. Freeport	34	-	-	Drift	Nongaseous	1	-	-	-	25	-	-
Frye	Clearfield	Lo. Freeport	34	-	-	Drift	Nongaseous	1	-	-	-	25	-	-
Garzoni, C. A.	Jefferson	Up. Freeport	42	-	-	Drift	Nongaseous	2	1	1	-	150	-	-

District 12

Operators and Mines	County	Geological name of coal bed	Kind of Opening				Number and type				Explosives used - pounds	
			Height of seam in feet	Shaft: Slope	Drift	Average age	Gaseous	or	Flame	Electric	Black powder	Dynamite
Garoni & Sons Coal Co.	Jefferson	Lo. Freeport	42	-	-	Drift	Nonaqueous	4	2	4	1,500	-
Gaston, Glen No. 1	Indiana	Up. Freeport	60	-	-	Drift	Nonaqueous	1	1	-	-	-
Gearhart Coal Co. No. 1	Jefferson	Lo. Kittanning	36	-	-	Drift	Nonaqueous	-	1	3	750	-
Glenn, W. Paul Glenn Strip	Jefferson	Clarion	30	-	-	-	-	-	-	-	-	-
Grange Mining Co. Grange No. 1	Jefferson	Lo. Freeport	26	-	-	Drift	Nonaqueous	2	-	-	250	-
Hamilton Mining Co., Inc. Hamilton Strip	Jefferson	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-
Hawk Brothers Contracting Co. Hawk Strip	Jefferson	Up. Freeport	44	-	-	-	-	-	-	-	6,700	*
Herrick, Elmer M. Hetrick	Jefferson	Lo. Kittanning	36	-	-	Drift	Nonaqueous	2	-	1	120	-
Hilliard, John Hilliard	Jefferson	Lo. Kittanning	34	-	-	Drift	Nonaqueous	1	-	-	50	-
Himes, John F. No. 1	Jefferson	Lo. Kittanning	23	-	-	Drift	Nonaqueous	1	-	-	350	-
J. & N. Coal Co. J. & N.	Jefferson	Lo. Freeport	48	-	-	Drift	Nonaqueous	2	-	-	200	-
Jackson, Joseph M. Jackson	Jefferson	Up. Freeport	50	-	-	Drift	Nonaqueous	1	-	-	-	-
Jackson Brothers Coal Co. Mitchell	Jefferson	Lo. Freeport	48	-	-	Drift	Nonaqueous	1	-	-	50	-
Kann Coal Co. No. 5 Strip	Clearfield	Up. Freeport	40	-	-	-	-	-	-	-	-	8,000 *
No. 6 Strip Auger	Clearfield	Lo. Freeport	40	-	-	-	-	-	-	-	-	2,000 *
Total												
Total												
Kennedy Coal Co. No. 4	Jefferson	Lo. Freeport	40	-	-	Drift	Nonaqueous	1	1	1	950	-
No. 5	Jefferson	Lo. Freeport	40	-	-	Drift	Nonaqueous	1	1	1	1,000	-
Total												
Kniseley Coal Co. No. 10	Jefferson	Lo. Freeport	40	-	-	Drift	Nonaqueous	38	10	10	10,000	-

District 12

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds	Other (Name)
				Shaft	Slope	Drift	Average	Gaseous	or	Flame	Permissible		
				depth	length	degrees	pitch	drift	non-gaseous	open	electric	powder	Dynamite
Koozer, Harry E.	Indiana	Up. Freeport	52	-	-	-	Drift	Nongaseous	2	-	-	125	-
Krach & Gearhart Coal Co.	Jefferson	Up. Freeport	26	-	-	-	-	-	-	-	-	-	1,000 *
Kraynak & Sons Coal Co., George No. 1	Indiana	Up. Freeport	30	-	-	-	Drift	Nongaseous	5	-	-	700	-
Leasure Coal Co.	Jefferson	Up. Freeport	54	-	-	-	Drift	Nongaseous	3	-	-	1,000	-
Lydic, Jesse	Indiana	Up. Freeport	48	-	-	-	Drift	Nongaseous	1	-	-	5	-
Matthews Coal Co., Inc.	Clearfield	Lo. Kittanning Up. Freeport	27	-	-	-	-	-	-	-	-	22,900	2,900 *
Mauer Coal Co.	Clearfield	Lo. Freeport	32	-	-	-	Drift	Nongaseous	-	1	4	1,100	-
Susquehanna No. 2	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-
Maxim Coal Co.	Jefferson	Lo. Freeport	60	-	-	-	Drift	Nongaseous	1	-	-	-	-
Miller, Fred	Jefferson	Lo. Kittanning	36	-	-	-	Drift	Nongaseous	2	-	-	100	-
Boucher	Clearfield	Lo. Freeport	42	-	-	-	Drift	Nongaseous	-	1	3	150	-
Miller Coal Co., Howard	Indiana	Lo. Kittanning	26	-	-	-	-	-	-	-	-	350	50 *
Gahagen	Indiana	Lo. Freeport	36	-	-	-	Drift	Nongaseous	4	-	-	-	-
Mills, William	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-
Shuckers	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-
Monnie, S. C.	Clearfield	Lo. Freeport	60	-	-	-	Drift	Nongaseous	3	1	-	-	-
Monnie Strip	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-
Monoskey, Peter	Indiana	Lo. Kittanning	60	-	-	-	Drift	Nongaseous	2	-	-	500	-
Moore Coal Co., Everett	Jefferson	Lo. Freeport	48	-	-	-	-	-	-	-	-	-	-
Moore Strips	Jefferson	Lo. Kittanning	72	-	-	-	Drift	Nongaseous	1	-	-	-	-
Murone Coal Co., Agnes	Indiana	Up. Freeport	40	-	-	-	Drift	Nongaseous	4	-	-	-	-
Murone	Indiana	Mid. Kittanning	40	-	-	-	Drift	Nongaseous	4	-	-	-	-
Neal Brothers Coal Co.	Jefferson	Up. Freeport	40	-	-	-	Drift	Nongaseous	4	-	-	-	-
No. 2	Jefferson	Up. Freeport	40	-	-	-	Drift	Nongaseous	4	-	-	-	-
Neely, David M.	Indiana	Up. Freeport	40	-	-	-	Drift	Nongaseous	4	-	-	-	-
Neely	Indiana	Up. Freeport	40	-	-	-	Drift	Nongaseous	4	-	-	-	-
Orf Coal Co., Leon E.	Indiana	Up. Freeport	40	-	-	-	Drift	Nongaseous	4	-	-	-	-
No. 5	Jefferson	Up. Freeport	40	-	-	-	Drift	Nongaseous	4	-	-	-	-

District 12

Operators and Mines	County	Geological name of coal bed	Height of seam in ches	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)
				Shaft	Slope	Drift	Average	Gasous	or	Flame	open safety electric	permissible Black powder	Dynamite	
P. & N. Coal Co., Inc.														
P. & N. Strip	Indiana	Up. Freeport	36	-	-	-	-	-	-	-	-	-	16,000	*
Big Run Strip	Jefferson	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	2,300	-
C-B-C No. 1	Indiana	Up. Freeport	40	-	-	Drift	Non-gaseous	5	1	-	-	1,000	-	-
							Total	5	1	-	-	1,000	18,300	-
Peles Coal Co., John Wilmoth	Indiana	Up. Freeport	52	-	-	Drift	Non-gaseous	2	-	-	-	500	-	-
Pennington, Archie	Indiana	Lo. Freeport	52	-	-	Drift	Non-gaseous	2	-	-	-	110	-	-
Penn State Coal Co.														
Swope Strip	Clearfield	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	8,640	*
Pickwick Coal Co., Julia E. Rudy No. 2	Jefferson	Lo. Freeport	52	-	-	Drift	Non-gaseous	-	-	2	-	100	-	-
Pierce Coal Co., Anna Hilliard	Jefferson	Lo. Freeport	32	-	-	Drift	Non-gaseous	4	1	-	-	300	-	-
Purchase Line Mining Co., Inc.														
No. 1 Strip	Indiana	Lo. Freeport	40	-	-	-	-	-	-	-	-	3,000	1,000	-
Auger	Indiana	Lo. Freeport	40	-	-	-	-	-	-	-	-	3,000	1,000	-
							Total	-	-	-	-	-	-	-
Rainey Coal Co.	Clearfield	Up. Freeport	22	-	-	-	-	-	-	-	-	-	-	-
Rainey Strip	Jefferson	Up. Freeport	32	-	-	-	-	-	-	-	-	-	-	-
Fermont Strip														
							Total	-	-	-	-	-	-	-
Ramseytown Coal Co.														
Cherly Ann	Jefferson	Lo. Freeport	48	-	-	Drift	Non-gaseous	-	2	6	-	500	-	-
Red Gap Coal Co.	Indiana	Lo. Kittanning	20	-	-	-	-	-	-	-	-	-	-	-
Red Gap Strip														
Reeseman & Powell Coal Co.														
No. 1	Jefferson	Up. Freeport	48	-	-	Drift	Non-gaseous	2	-	-	-	100	-	-
Riddle Brothers Coal Co.														
Riddle	Clearfield	Up. Freeport	28	-	-	Drift	Non-gaseous	-	-	-	-	300	-	-
Riddle Coal Co., George Miller No. 1	Clearfield	Up. Freeport	30	-	-	Drift	Non-gaseous	2	-	-	-	-	-	-
Ryan Brothers Coal Co.														
Curry Run No. 2 Strip	Clearfield	Lo. Freeport	26	-	-	-	-	-	-	-	-	-	-	-
S. & I. Coal Co.														
Stratiff No. 1 Strip	Jefferson	Up. Freeport	70	-	-	-	-	-	-	-	-	-	-	-

District 12

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind or Opening				Number and type of lamps used				Explosives used - pounds		Other (Name)
				Shaft	Slope	Drift	Average	Age	Gas	Non-gaseous	Permissible	Black powder	Dynamite	
				Length	Pitch	Drift	Non-gaseous	Non-gaseous	Non-gaseous	Non-gaseous	Non-gaseous	Non-gaseous	Non-gaseous	
Shafter Coal Co., R. L.	Jefferson	Lo. Kittanning	23	-	-	Drift	Non-gaseous	4	1	-	-	350	-	-
Shena, John	Jefferson	Up. Freeport	36	-	-	Drift	Non-gaseous	1	-	-	-	-	-	-
Shena	Jefferson	Up. Freeport	49	-	-	Drift	Non-gaseous	1	-	-	-	50	-	-
Shlock, Carl	Jefferson	Mid. Kittanning	36	-	-	Drift	Non-gaseous	1	-	1	-	275	-	-
Shlock	Jefferson	Up. Freeport	42	-	-	Drift	Non-gaseous	-	-	8	-	-	-	-
Smith, Percy	Indiana	Lo. Freeport	40	-	-	Drift	Non-gaseous	3	-	-	-	150	-	-
No. 1	Clearfield	Up. Freeport	36	-	-	Drift	Non-gaseous	3	1	-	-	350	-	-
Smith Coal Co., John	Jefferson	Lo. Kittanning	36	-	-	Drift	Non-gaseous	2	2	-	-	125	-	-
Gaston No. 1	Jefferson	Up. Freeport	48	-	-	Drift	Non-gaseous	5	-	-	-	600	-	-
Smith Coal Co., Lynn	Indiana	Up. Freeport	36	-	-	Drift	Non-gaseous	1	-	-	-	120	-	-
Smith	Clearfield	Up. Freeport	58	-	-	Drift	Non-gaseous	6	1	-	-	300	-	-
Snocheck, Chester A.	Jefferson	Lo. Kittanning	56	-	-	Drift	Non-gaseous	-	1	14	-	2,600	-	-
No. 2	Jefferson	Lo. Freeport	42	-	-	Drift	Non-gaseous	-	1	4	-	200	-	-
Snyder Coal Co., H. C.	Jefferson	Lo. Kittanning	34	-	-	Drift	Non-gaseous	-	1	25	-	13,000	-	-
No. 1	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
Snyder	Jefferson	Lo. Clarion	24	-	-	-	-	-	-	-	-	-	-	-
Snyder Coal Co., Russell	Jefferson	Brookville	32	-	-	-	-	-	-	-	-	-	-	-
Snyder	Indiana	Mid. Kittanning	38	-	-	Drift	Non-gaseous	3	-	-	-	150	-	-
Soltis & Sons Coal Co., George	Indiana	Lo. Kittanning	32	-	-	Drift	Non-gaseous	-	2	11	-	1,000	-	-
Soltis	Clearfield	Up. Freeport	36	-	-	Drift	Non-gaseous	3	1	-	-	350	-	-
Soltis	Jefferson	Up. Freeport	58	-	-	Drift	Non-gaseous	6	1	-	-	300	-	-
Spader Coal Co.	Jefferson	Up. Freeport	56	-	-	Drift	Non-gaseous	-	1	14	-	2,600	-	-
No. 8	Jefferson	Lo. Freeport	42	-	-	Drift	Non-gaseous	-	1	4	-	200	-	-
Spencer Coal Co., H. F.	Jefferson	Lo. Kittanning	34	-	-	Drift	Non-gaseous	-	1	25	-	13,000	-	-
No. 1	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
No. 2	Jefferson	Lo. Clarion	24	-	-	-	-	-	-	-	-	-	-	-
Spencer & Mauk Coal Co.	Jefferson	Brookville	32	-	-	-	-	-	-	-	-	-	-	-
Mauer	Indiana	Mid. Kittanning	38	-	-	Drift	Non-gaseous	3	-	-	-	150	-	-
Stahlman Coal Co., Inc., W. P.	Indiana	Lo. Kittanning	32	-	-	Drift	Non-gaseous	-	2	11	-	1,000	-	-
No. 1 Strip	Jefferson	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
No. 2 Strip	Jefferson	Lo. Clarion	24	-	-	-	-	-	-	-	-	-	-	-
No. 3 Strip	Jefferson	Brookville	32	-	-	-	-	-	-	-	-	-	-	-
Stiver, Emerson	Indiana	Mid. Kittanning	38	-	-	Drift	Non-gaseous	3	-	-	-	150	-	-
No. 1	Indiana	Lo. Kittanning	32	-	-	Drift	Non-gaseous	-	2	11	-	1,000	-	-
Stoker Coal Co., Irvan	Indiana	Lo. Kittanning	32	-	-	Drift	Non-gaseous	-	2	11	-	1,000	-	-
Trojan	Indiana	Lo. Kittanning	32	-	-	Drift	Non-gaseous	-	2	11	-	1,000	-	-

District 12

Operators and Mines	County	Geological name of coal bed	Height of shaft of seam in - chs.	Kind of Opening										Number and type		Explosives used - pounds		Other (Name)
				Shaft	Slope	Drift	Average age	Pitch	Drift	Non-gaseous	Gaseous	or	Flame	Safety	Electric	Explosives	Dynamite	
Thomas, L. E.	Jefferson	Lo. Freeport	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thomas Brothers Coal Co.	Jefferson	Lo. Freeport	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thomas No. 7 Strip	Clearfield	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reitzell-Swope Strip											Total							
Thomas Coal Co., Clarence	Clearfield	Lo. Freeport	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Way Strip	Clearfield	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thomas No. 1 Strip											Total							
Thomas Coal Co., H. S.	Clearfield	Up. Freeport	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thomas No. 1 Strip	Jefferson	Up. Freeport	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Timblin Coal Co.																		
Turrell Coal Co., Mary	Jefferson	Lo. Freeport	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Torrell																		
Toth Coal Co., Steve	Jefferson	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. 1	Clearfield	Up. Freeport	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Turnbull & Hilliard	Jefferson	U. Freeport	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Korb																		
Verbka Coal Co.	Jefferson	Lo. Freeport	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Staley																		
West Coal Co.	Jefferson	Lo. Freeport	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. 3																		
Worthville Coal Co.	Jefferson	Lo. Kittanning	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pleasant Hollow																		
											District Total	21	35	1	1	191,703	100	60,294

NOTE: * Ammonium Nitrate was used at this mine.

District 13

2500	2300	437	170	500	400													
Buckeye Coal Co., The	Greene	Pittsburgh	90	95	19	-	-	-	1	1	1	1	1	1	1	54,550	-	-
Nemacolin																		

	County	Geological name of coal bed	Kind of Opening		Number and type		Explosives used - pounds				
			Height: of seam in-ches	Shaft: Slope : Aver- age : pitch : depth:length:degrees:drift:	: Drift	: lamps used :					
Vernie's Coal Co. Vernie	Greene	Waynesburg	72	-	-	Drift Nongaseous	1	4	300	-	-
			District Total	18	754	4,202	283,150	4,500	350	-	-

Altamire Brothers Coal Co., Inc.		Up. Freeport	46	-	-	Drift	Nongaseous	2	10	3,120
Crawford		Up. Freeport	46	-	-	-	-	-	-	1,200
A. & C. Strip							Total	2	10	4,320
Westmoreland		Pittsburgh	72	-	-	Drift	Nongaseous	4	-	200
Ansell Coal Co.										
Ansell (Judy)										
Barclay Coal Co.		Up. Freeport	42	-	-	Drift	Nongaseous	15	2	450
Jolly No. 1										
Bisaha Coal Co.		Up. Freeport	39	-	-	Drift	Nongaseous	2	-	200
Bisaha										
Casella Coal Co., Inc.										
Casella		Up. Freeport	46	-	-	Drift	Nongaseous	3	15	2,000
Casella Strip		Up. Freeport	36	-	-	-	-	-	-	-
						Total	-	3	15	2,000
Greighton Coalworks, Inc.										
Greighton		Thick Freeport	60	-	-	Drift	Gaseous	12	31	2,500
Crystal Coal Co.										
Hunter		Up. Freeport	40	-	-	Drift	Nongaseous	1	6	840
Dorg Mining Co.										
Dorg		Up. Freeport	48	-	-	Drift	Nongaseous	2	12	5,500
Duquesne Light Co.										
Harwick		Thick Freeport	72	225	-	-	Gaseous	56	190	5,350
Harmar Coal Co.										
Harmar		Thick Freeport	86	125	578	14	Gaseous	87	366	166,900
Kaskan Coal Co.										
Geo. Kaskan		Up. Freeport	44	-	-	Drift	Nongaseous	4	-	150
Kolen Coal Co.										
Kolen		Up. Freeport	38	-	265	18	Gaseous	4	20	1,410

District 14

Operators and Mines	County	Geological name of coal bed	Kind of Opening					Number and type		Explosives used - pounds		Other (Name)			
			Height of seam in-ches	Shaft: Slope	Drift: Aver- age	Pitch: degrees	Length: degrees	Drift: non-gaseous	or	Flame: safety	Electric: explosives		Black powder	Dynamite	
Leechburg Mining Co.															
Avenue Foster No. 65	Allegheny Armstrong	Up. Freeport Lo. Kittanning	42 40	- -	- -	- -	Drift Drift	- -	- -	10 29	37 100	- -	4,000 30,000	- -	- -
							Total			39	137		34,000		-
Marco Coal Co.	Westmoreland Armstrong	Up. Freeport Thick Freeport	50 96	- -	- -	- -	Drift -	- -	- -	6 -	38 -	- -	2,000 -	- -	Aldrox *
							Total			6	39		2,000		13,450
Mateer Coal Co.	Allegheny	Up. Freeport	46	-	19	-	Non-gaseous	-	1	7	-	-	3,500	-	-
Mateer No. 4 Millerstown Coal Co.	Allegheny	Up. Freeport	40	-	-	-	Drift	Gaseous	-	2	6	-	300	-	-
Victory Montenari Coal Co., V.	Westmoreland	Up. Freeport	42	-	-	-	Drift	Non-gaseous	-	1	5	-	300	-	-
Matta Orlowski Coal Co.	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-
Orlowski Auger Owens Coal Co.	Westmoreland	Up. Freeport	50	-	-	-	Drift	Non-gaseous	1	-	1	-	70	-	-
Todd Owens	Westmoreland	Up. Freeport	42	-	-	-	Drift	Non-gaseous	-	2	6	-	1,425	-	-
Venturini brothers Coal Co., Inc.	Allegheny	Up. Freeport	42	-	-	-	Drift	Non-gaseous	-	1	6	-	1,435	-	-
Venturini Wood Coal Co.	Allegheny	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	-
Wood (Metz)	Allegheny	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	-
Wood Strip							Total			6			1,435		-
	District Total								26	222	856		232,740	200	13,450

NOTE: * Ammonium Nitrate was used at this mine.

District 15

A. & C. Coal Co. Parcell Baker Coal Co. Baker No. 2	Cambria Cambria	Lo. Freeport Lo. Freeport	50 48	- -	- -	- -	- -	Drift Drift	Non-gaseous Non-gaseous	- -	- -	- -	- -	- -	150 50	- 100	- -
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Operators and Mines	County	Geological name of coal bed	Height of seam in feet		Kind of Opening				Number and type of lamps used		Explosives used - pounds		Other (Name)	
			of shaft	of drift	Slope	Average	Pitch	Drift	Gas	Flame	Safety	Electric		Black powder
Barnes & Tucker Co.	Cambria	Lo. Kittanning	44	492	-	-	Drift	Gas	-	156	332	1,900	-	
Lancashire No. 15	Cambria	Lo. Kittanning	39	-	1,000	5	-	Gas	-	24	170	4,350	-	
Springfield No. 4							Total		-	180	502	6,250	-	
Barnesboro Roofing Co.	Cambria	Up. Freeport	42	-	-	-	Drift	Nongaseous	-	1	4	500	-	
Roebuck														
Basile Coal Co.	Cambria	Mid. Kittanning	48	-	-	-	Drift	Nongaseous	3	-	-	180	-	
Bernard Brothers Coal Co.	Cambria	Lo. Freeport	42	-	-	-	Drift	Nongaseous	4	-	-	210	-	
Reed No. 1	Cambria	Lo. Freeport	52	-	-	-	Drift	Nongaseous	2	-	-	40	-	
Black Hill Coal Co.														
No. 1	Cambria	Lo. Freeport	38	-	-	-	Drift	Nongaseous	2	1	-	25	-	
Bonanza Coal Co.														
Emerick	Cambria	Lo. Freeport	50	-	-	-	Drift	Nongaseous	2	1	-	200	-	
Hunker Hill Coal Co.														
No. 3	Cambria	Up. Freeport	44	-	-	-	Drift	Nongaseous	1	-	-	10	50	
Byrne Coal Co.														
Byrnes Brothers Coal Co.	Cambria	Lo. Freeport	54	-	-	-	Drift	Nongaseous	2	-	-	20	-	
Byrnes														
Camel Run Coal Co.	Cambria	Up. Freeport	40	-	-	-	Drift	Nongaseous	1	-	-	25	-	
Stosell														
Gence Coal Co.	Cambria	Mid. Kittanning	44	-	-	-	Drift	Nongaseous	3	-	-	150	-	
Gence														
Gerankoski Coal Co.	Cambria	Lo. Freeport	40	-	-	-	Drift	Nongaseous	1	-	-	20	-	
Gerankoski														
Chest Creek Coal Co.	Cambria	Lo. Kittanning	40	-	-	-	Drift	Nongaseous	-	1	9	2,300	-	
Chest Creek No. 1														
Chest Creek No. 4 Strip	Cambria	Lo. Freeport	44	-	-	-	Drift	Nongaseous	-	-	-	-	-	
Coal Enterprises, Inc.														
No. 2	Cambria	Mid. Kittanning	54	-	-	-	Drift	Nongaseous	-	2	10	450	-	
Cronauer & Holtz Coal Co.														
Hecker	Cambria	Up. Kittanning	44	-	-	-	Drift	Nongaseous	2	-	-	150	-	
Cymbria Fuel Co., Inc.														
Butterworth Strip	Cambria	Up. Kittanning	74	-	-	-	Drift	Nongaseous	-	-	-	-	1,000	

District 15

Operators and Mines	County	Geological name of coal bed	Height of seam in-ches	Kind of Opening				Number and type				Explosives used - pounds	
				Shaft	Slope	Drift	Average	Age	Gaseous	Lamps used	Permissible	Black powder	Dynamite
Duclos & McQuillen Coal Co.	Cambridia	Up. Kittanning	44	-	-	Drift	Nongaseous	4	-	-	100	-	-
Duriez Coal Co.	Cambridia	Up. Kittanning	36	-	-	Drift	Nongaseous	-	1	8	1,500	-	-
Ethel Coal Co.	Cambridia	Lo. Freeport	54	-	-	Drift	Nongaseous	2	-	-	15	-	-
Fisanich Coal Co.	Cambridia	Lo. Freeport	52	-	-	Drift	Nongaseous	-	1	2	100	-	-
Forneck Coal Co.	Cambridia	Lo. Freeport	48	-	-	Drift	Nongaseous	1	-	-	-	-	-
G. & H. Coal Co.	Cambridia	Lo. Freeport	50	-	-	Drift	Nongaseous	2	-	-	20	-	-
Garay Coal Co.	Cambridia	Lo. Freeport	40	-	-	Drift	Nongaseous	-	-	2	200	-	-
Goodwill Coal Co.	Cambridia	Lo. Freeport	48	-	-	Drift	Nongaseous	2	-	-	50	-	-
Gray Coal Co.	Cambridia	Up. Kittanning	32	-	-	Drift	Nongaseous	1	-	-	50	-	-
Hannigan Coal Co.	Cambridia	Up. Kittanning	44	-	-	Drift	Nongaseous	-	2	5	20	-	-
Haseltine Coal Co.	Cambridia	Lo. Freeport	50	-	-	Drift	Nongaseous	1	-	-	-	-	-
Hastings Coal Co., Inc.	Cambridia	Lo. Kittanning	48	-	300	10	-	Nongaseous	-	1	4	300	-
Hill Top Coal Co.	Cambridia	Mid. Kittanning	32	-	-	Drift	Nongaseous	2	-	-	50	-	-
Hill Top Coal Co.	Cambridia	Lo. Freeport	54	-	-	Drift	Nongaseous	4	-	-	100	-	-
Hope Coal Co.	Cambridia	Lo. Freeport	54	-	-	Drift	Nongaseous	4	-	-	200	-	-
P. P. & K.	Cambridia	Lo. Freeport	46	-	-	Drift	Nongaseous	2	-	-	300	-	-
Holtz Coal Co.	Cambridia	Lo. Kittanning	48	-	-	Drift	Nongaseous	9	1	-	780	-	-
Holtz Coal Co., A. E.	Cambridia	Up. Freeport	42	-	-	Drift	Nongaseous	2	-	-	60	-	-
Holtz Coal Co., C. A.	Cambridia	Lo. Freeport	48	-	-	Drift	Nongaseous	4	-	-	200	-	-

District 15

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds	
				Shaft	Slope	Average age	Drift	Gaseous or pitch	Lamps	Type	Permissible explosives	Black powder	Dynamite
Holtz & Son Coal Co. I. J. Holtz Kays Coal Co.	Cambria	Up. Freeport	42	-	-	Drift	Nongaseous	2	-	-	100	-	-
Rich Hill No. 1 Kelly Coal Co.	Cambria	Lo. Freeport	42	-	-	Drift	Nongaseous	-	1	4	200	-	-
Kelly Coal Co.	Cambria	Md. Kittanning	54	-	100	9	Nongaseous	2	-	-	20	-	-
Kline Coal Co.	Cambria	Lo. Kittanning	44	-	-	Drift	Nongaseous	2	-	-	-	100	-
Lantzoy Coal Co., Inc. Smith	Cambria	Lo. Freeport	52	-	-	Drift	Nongaseous	2	-	-	-	100	-
Lastchance Coal Co. Brawley	Cambria	Lo. Freeport	42	-	-	Drift	Nongaseous	2	1	3	50	-	-
Laurel Hill Coal Co. Lownmaster	Cambria	Lo. Freeport	48	-	-	Drift	Nongaseous	1	-	-	-	15	-
Lipnic Colliery Co. Sterling No. 6	Cambria	Lo. Kittanning	48	-	-	Drift	Gaseous	-	6	20	350	-	-
Lubert Coal Co. Cymbria No. 3	Cambria	Up. Freeport	42	-	-	Drift	Nongaseous	1	-	-	10	-	-
Lubert Coal Co. McCormick Coal Co.	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	1	-	-	250	-	-
McCombie Mietus Coal Co.	Cambria	Lo. Kittanning	48	-	-	Drift	Nongaseous	4	-	-	150	-	-
Mietus Mountain Top Coal Co.	Cambria	Up. Freeport	42	-	-	Drift	Nongaseous	1	-	-	150	-	-
No. 1 Myers & Son Coal Co.	Cambria	Lo. Freeport	48	-	-	Drift	Nongaseous	2	-	-	15	-	-
Myers North Cambria Fuel Co.	Cambria	Lo. Kittanning	46	-	-	Drift	Nongaseous	2	-	-	20	-	-
North Cambria Strip Panaro Brothers Coal Co.	Cambria	(Up. Kittanning) (Up. Freeport) (Lo. Freeport)	40 54 36	-	-	-	-	-	-	-	42,000	-	-
Panaro Patton Clay Manufacturing Co.	Cambria	Up. Freeport	42	-	-	Drift	Nongaseous	-	-	2	300	-	-
Patton Clay Manufacturing Co. No. 1	Cambria	Md. Kittanning	54	-	-	Drift	Nongaseous	-	9	60	3,249	-	-
Patton Clay Manufacturing Co. No. 1	Cambria	Md. Kittanning	54	-	-	Drift	Nongaseous	-	2	15	300	-	-
Peles Brothers Coal Co. Peles Strip	Cambria	Up. Freeport	54	-	-	Drift	Nongaseous	-	-	-	-	-	-

District 16

Operators and Mines	County	of coal bed	Geological name	Height of seam in feet	Shaft depth in feet	Kind of Opening				Number and type of lamps used				Explosives used - pounds		Other (Name)
						of	Slope	Drift	Average	Gas	Flame	Electric	Permissible	Black	Dynamite	
Bumble Bee Coal Co. (Continued)	Fayette															
Love No. 9		Swickley		56	-	-	-	Drift		Nongaseous	2	10	600	-	-	-
								Total			12	10	37	7,600	-	-
Gloverdale Coal Co.	Fayette															
Griffin No. 2		Pittsburgh		72	-	-	-	Drift		Nongaseous	2	-	150	-	-	-
Crucible Steel Co. of America	Greene															
Crucible		Pittsburgh		84	405	525	17 1/2	-		Gas	-	30	80	52,000	-	-
Dulik Coal Co.	Fayette															
Eminio No. 1		Pittsburgh		65	-	-	-	Drift		Nongaseous	4	1	-	300	-	-
Dunham Coal Co.	Fayette															
Campbell		Pittsburgh		94	-	-	-	Drift		Nongaseous	1	1	-	-	-	-
Eberly Coal & Coke Co.	Fayette															
Oliver No. 2		Pittsburgh		96	-	7,200	5	-		Nongaseous	-	3	75	6,000	-	-
F. & M. Coal Co.	Fayette															
Sapper		Pittsburgh		94	-	3,000	6	-		Nongaseous	-	3	20	2,000	-	-
Farm Coal Co.	Fayette															
Home		Pittsburgh		96	-	1,500	7	-		Nongaseous	-	4	50	23,675	-	-
Fields Coal Co.	Fayette															
Donald		Pittsburgh		63	-	-	-	Drift		Nongaseous	4	2	-	365	-	-
Genovese Coal Co.	Fayette															
Stark Strip		Redstone		36	-	-	-	-		-	-	-	-	60,000	-	-
Greenhill Coal Co.	Fayette															
Greenhill		Sewickley		54	-	-	-	Drift		Nongaseous	4	1	-	300	-	-
H. & F. Coal Co.	Fayette															
H. & F.		Sewickley		54	-	-	-	Drift		Nongaseous	3	1	-	950	-	-
Henckel Construction Co.	Fayette															
Ainsley Strip		Redstone		27	-	-	-	-		-	-	-	-	-	-	-
Guseman Strip	Fayette			25	-	-	-	-		-	-	-	-	-	-	-
Miller Strip	Fayette			28	-	-	-	-		-	-	-	-	-	-	-
								Total			-	-	-	-	-	-
Holly Coal Co.	Fayette															
Dils Strip		Pittsburgh		80	-	-	-	-		-	-	-	-	-	800	-
King Coal Co.	Fayette															
King No. 2		Lo. Kittanning		32	-	-	-	Drift		Nongaseous	5	1	-	2,000	-	-
Korona Brothers Coal Co.	Fayette															
Oliphant		Pittsburgh		86	-	1,800	5	-		Nongaseous	-	3	35	10,000	-	-
Leckrone Coal & Coke Co.	Fayette															
Mount Sterling		Pittsburgh		96	105	452	18	-		Gas	-	10	40	9,200	-	-

District 17

Operators and Mines	County	Geological name of coal bed	Height of seam in ches.	Kind of Opening			Number and type			Explosives used - pounds	Other (Name)				
				Shaft	Slope	Drift	lamps used								
							of	pitch	age			:Gaseous	:Flame	:Permissible	
				depth	length	degrees	drift	non-gaseous	open	safety	electric	explosives	powder	Dynamite	
Rocchio & Kiger Construction Co.	Washington	Pittsburgh	50	-	-	-	-	-	-	-	-	-	-	6,000	*
Sunnyside Coal Mining Co.	Beaver	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-	8,940	*
Veon, Inc., R. A.	Beaver	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-	-	31,250	-
Wright Coal Co., Grant R. Wright Strip	Beaver	Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-	550	*
District Total				28	142	467		10,050	300	468,336					

NOTE: * Ammonium Nitrate was used at this mine.

District 18

Ace Coal Co.	Huntingdon	Clarion	63	-	1,250	20	-	Non-gaseous	3	2	-	1,000	-	-
Chamberlain No. 2	Huntingdon	Clarion	69	-	750	25	-	Non-gaseous	3	2	-	1,000	-	-
Total									6	4	-	2,000	-	-
Ark Coal Co.	Bedford	Up. Freeport	42	-	-	-	Drift	Non-gaseous	14	2	4	10,000	-	-
Harrist No. 5	Cambria	Up. Kittanning	46	-	-	-	Drift	Non-gaseous	6	-	-	1,900	-	-
Balzano	Cambria	Lo. Freeport	40	-	-	-	Drift	Non-gaseous	3	-	-	100	200	-
Barnhart Coal Co.	Bedford	Up. Freeport	42	-	-	-	Drift	Non-gaseous	4	-	-	3,000	-	-
Barton Coal Co.	Bedford	Lo. Kittanning	40	-	-	-	Drift	Non-gaseous	4	-	-	700	-	-
Figard No. 3	Bedford	Up. Freeport	40	-	-	-	Drift	Non-gaseous	4	-	-	700	-	-
Figard No. 4	Bedford	Up. Freeport	40	-	-	-	Drift	Non-gaseous	4	-	-	700	-	-
Total									6	-	-	3,700	-	-
Becker, Paul L.	Cambria	Up. Freeport	40	-	-	-	Drift	Non-gaseous	4	-	-	-	-	-
Becker Strip	Huntingdon	Lo. Kittanning	40	-	-	-	Drift	Non-gaseous	4	-	-	-	-	-
Black, Adam J. & Ruth	Cambria	Up. Freeport	40	-	-	-	Drift	Non-gaseous	4	-	-	-	-	-
Jacobs Strip	Cambria	Up. Freeport	40	-	-	-	Drift	Non-gaseous	4	-	-	-	-	-
Black Coal Co.	Cambria	Up. Freeport	40	-	-	-	Drift	Non-gaseous	4	-	-	-	-	-
Black No. 1	Cambria	Up. Freeport	40	-	-	-	Drift	Non-gaseous	4	-	-	-	-	-

District 18

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds		
				Shaft	Slope	Average	Drift	Lamps used	Drift	Flame	Permissible	Black		
				depth	length	degrees	pitch	non-gaseous	open	safety	electric	explosives	dynamite	Other (name)
C. & C. Coal Co.	Cambria	Up. Freeport	26	-	-	-	Drift	Nongaseous	3	-	-	1,250	-	-
C. & C. Pike	Blair	Lo. Kittanning	34	-	1,000	5	-	Nongaseous	4	-	-	50	-	-
Cavalier Coal Co., Inc.	Blair	Up. Kittanning	60	-	-	-	-	-	-	-	-	-	-	-
Cavallier Strip	Blair	Lo. Kittanning	36	-	-	-	-	-	-	-	-	3,600	-	68,105 *
Chilcote Mining Co.	Cambria	Lo. Freeport	36	-	-	-	Drift	Nongaseous	-	1	3	50	1,250	-
Chilcote	Huntingdon	Clarion	28	-	-	-	Drift	Nongaseous	2	-	-	-	350	-
Clark & Son, Ralph L. Clark	Huntingdon	Clarion	20	-	-	-	-	-	-	-	-	-	-	-
Cleveland Coal Co., H. M. Cleveland No. 1 Strip	Huntingdon	Clarion	60	-	-	-	Drift	Nongaseous	2	-	-	800	1,000	-
Conley Brothers Coal Co.	Bedford	Clarion	40	-	-	-	Drift	Nongaseous	2	-	-	-	100	-
Conway Coal Co.	Cambria	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
Crotsley, Kenneth Crotsley Strip	Huntingdon	Clarion	50	-	150	30	-	Nongaseous	2	-	-	-	900	4,300
Crotsley No. 3	Huntingdon	Clarion	30	-	300	30	-	Nongaseous	2	-	-	-	1,000	-
Crotsley No. 4	Huntingdon	Clarion	42	-	-	-	-	Total	4	-	-	1,900	4,300	-
Davis, Clair J. Davis	Cambria	Lo. Kittanning	66	-	-	-	Drift	Nongaseous	2	-	-	-	100	-
Davis Coal Co.	Cambria	Up. Kittanning	42	-	-	-	Drift	Nongaseous	2	-	-	-	500	-
DeCol Brothers Coal Co.	Cambria	Up. Freeport	22	-	-	-	-	-	-	-	-	-	-	-
Delozier, Paul I. Delozier Strip	Cambria	Brookville	48	-	-	-	Drift	Nongaseous	3	-	-	150	-	-
Delozier No. 1	Cambria	Lo. Kittanning	48	-	-	-	Drift	Nongaseous	3	-	-	150	-	-
Detwiler Industries, Inc.	Bedford	Up. Freeport	48	-	2,800	10	-	Nongaseous	4	2	2	1,500	-	-
Broad Top No. 10	Cambria	Lo. Kittanning	36	-	-	-	Drift	Nongaseous	3	-	-	-	50	-
Dibert Coal Co.	Bedford	Up. Freeport	47	-	-	-	Drift	Nongaseous	2	-	-	-	42*	-

District 18

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening			Number and type				Explosives used - pounds			Other (Name)							
				Shaft	Slope	Drift	Lamps used		Explosives		Dynamite										
							:	:	:	:		:	:								
Dysart Coal Co.	Cambria	Lo. Kittanning	40	-	-	Drift	Non-gaseous	3	1	-	-	500	-	-	-						
F. & K. Coal Co.	Cambria	Lo. Kittanning	52	-	-	Drift	Non-gaseous	6	2	2	-	800	-	-	-						
Foor Coal Co.	Bedford	Lo. Kittanning	32	-	-	Drift	Non-gaseous	3	-	-	-	1,200	-	-	-						
Fry Coal & Stone Co.	Bedford	Up. Freeport	80	-	-	-	-	-	-	-	-	-	-	-	-						
G. M. & W. Coal Co., Inc.	Bedford	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-	-						
No. 9	Fulton	Lo. Kittanning	36	-	800	10	Non-gaseous	-	3	40	-	12,000	12,000	3,000	-	*					
No. 1 Highway	Fulton	Lo. Kittanning	48	-	-	Drift	Non-gaseous	-	1	3	-	300	-	-	-	-					
Gordon	Huntingdon	Lo. Kittanning	36	-	-	Drift	Non-gaseous	3	1	1	-	200	100	-	-	-					
Rocky Ridge Strip	Fulton	Clarion	40	-	-	-	-	-	-	-	-	-	-	200	-	-					
No. 10 Strip	Fulton	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-	1,000	-	-	*					
Total																3	5	44	12,500	13,100	3,200
Gauntner, John P.	Cambria	Up. Freeport	52	-	-	Drift	Non-gaseous	3	-	-	-	-	400	-	-	-					
Myers	Cambria	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-	-	-	-	-					
Gibson Coal Co.	Cambria	Brookville	20	-	-	-	-	-	-	-	-	-	-	-	-	-					
Velest Strip	Cambria	Lo. Kittanning	35	-	-	Drift	Non-gaseous	3	-	-	-	400	-	-	-	-					
Gregg, Frank S.	Cambria	Lo. Kittanning	36	-	-	Drift	Non-gaseous	2	-	-	-	25	-	-	-	-					
Gregg	Blair	Lo. Freeport	36	-	-	Drift	Non-gaseous	3	-	-	-	300	-	-	-	-					
Healy, Clarence G.	Bedford	Little Pittsburgh	22	-	-	Drift	Non-gaseous	4	-	-	-	1,200	-	-	-	-					
Heaton Coal Co.	Cambria	Lo. Freeport	30	-	-	Drift	Non-gaseous	4	-	-	-	500	-	-	-	-					
Hertzog Coal Co.	Bedford	Up. Freeport	54	-	800	15	Non-gaseous	4	-	-	-	700	-	-	-	-					
Hickory Hill Coal Co.	Bedford	Up. Freeport	36	-	-	Drift	Non-gaseous	2	-	-	-	-	-	-	-	-					
Hickory Hill	Bedford	Up. Freeport	22	-	-	Drift	Non-gaseous	1	-	-	-	60	-	-	-	-					
Hinrich & Kieftman	Cambria	Mid. Kittanning	22	-	-	Drift	Non-gaseous	2	-	-	-	-	-	-	-	-					
Wright	Bedford	Up. Freeport	42	-	850	20	Non-gaseous	2	1	-	-	2,250	-	-	-	-					
Hollen, Lemuel	Bedford	Up. Freeport	44	-	-	Drift	Non-gaseous	14	1	-	-	2,800	-	-	-	-					
Hollen C	Cambria	Lo. Kittanning	22	-	-	Drift	Non-gaseous	14	1	-	-	-	-	-	-	-					
Horton & Leighty Coal Co.	Bedford	Up. Freeport	42	-	-	Drift	Non-gaseous	14	1	-	-	-	-	-	-	-					
Doolas	Bedford	Up. Freeport	44	-	-	Drift	Non-gaseous	14	1	-	-	-	-	-	-	-					
Kenner Coal Co.	Cambria	Up. Freeport	44	-	-	Drift	Non-gaseous	14	1	-	-	-	-	-	-	-					
Kenner No. 1	Cambria	Up. Freeport	44	-	-	Drift	Non-gaseous	14	1	-	-	-	-	-	-	-					

District 18

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)		
				Shaft	Slope	Drift	Average	Age	Pitch	Drift	Non-gaseous	Safety	Electric		Black powder	Dynamite
P. & P. Coal Co.	Cambria	Up. Freeport	40	-	-	-	Drift	Non-gaseous	2	1	-	-	-	500	-	-
Powell Coal Co., C. E.	Cambria	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-	1,400	*
Sterling No. 3 Strip	Cambria	Lo. Kittanning	34	-	-	-	-	-	-	-	-	-	-	-	400	*
							Total								1,900	
Ramsey & Son, Raymond	Bedford	Up. Freeport	48	-	-	-	Drift	Non-gaseous	1	-	-	-	-	50	-	-
Ramsey																
Red Ridge Coal Co.	Cambria	Clarion	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Ridge Strip																
Reed & Son, Warren H.																
Broad Top	Huntingdon	Clarion	30	-	-	-	Drift	Non-gaseous	4	-	-	-	-	2,000	-	-
DeVada	Bedford	Up. Freeport	40	-	-	-	Drift	Non-gaseous	2	-	-	-	-	1,000	-	-
							Total							3,000	-	-
Reilly Coal Co.	Cambria	Up. Kittanning	42	-	100	5	-	Non-gaseous	4	-	-	-	-	275	-	-
Reilly No. 1																
Reynolds, W. E.	Cambria	Up. & Lo. Freeport	24	-	-	-	-	-	-	-	-	-	-	-	-	-
Reynolds Strip																
Richards, Kenneth G.	Bedford	Big Pittsburgh	42	-	-	-	-	-	-	-	-	-	-	-	1,000	*
Kay No. 1 Strip																
Rickard Coal Mining Co.	Cambria	Up. Freeport	32	-	-	-	Drift	Non-gaseous	4	-	-	-	-	600	-	-
Rickard No. 1																
Ritchey Brothers Coal Co.	Bedford	Up. Freeport	42	-	-	-	Drift	Non-gaseous	6	-	-	-	-	2,500	7,500	-
Ritchey																
Roberts, Dominick	Cambria	Up. Kittanning	60	-	-	-	Drift	Non-gaseous	1	-	-	-	-	400	-	-
Roberts																
Rohm Coal Co.	Bedford	Lo. Kittanning	26	-	-	-	Drift	Non-gaseous	4	-	-	-	-	1,000	1,100	-
Glendale No. 7																
Scott Brothers Coal Co.	Cambria	Lo. Kittanning	48	-	-	-	Drift	Non-gaseous	-	1	35	-	-	3,400	-	-
Troxell No. 2																
Seguin Coal Co.	Cambria	Up. Kittanning	36	-	-	-	Drift	Non-gaseous	3	-	-	-	-	50	700	-
Dean No. 10																
Shauf, Lloyd	Bedford	Lo. Kittanning	28	-	-	-	Drift	Non-gaseous	3	-	-	-	-	1,800	-	-
Seaboard No. 4																
Shenah, Edward	Huntingdon	Lo. Kittanning	40	-	300	20	-	Non-gaseous	2	-	-	-	-	400	-	-
Big Horse																

District 18[illegible]

District 18

		Kind of Opening		Number and type		Explosives used - pounds	
Height:	Shaft:	Slope :	Drift:	: lamps used :	:	:	:
of :	: Aver- :			:	:	:	:
Geological seam :	: age :	Caseous :		:	:	:	:
in- :	: pitch :	or :		: Flame :	:	:	Other
ches : depth :	length :	degrees :	drift :	non-gaseous :	open :	safety :	electric : explosives powder Dynamite (Name)
Operators and Mines							
Zelanko & Son, Joseph (Continued)							
Figard No. 1 Bedford							
Up. Freeport	48	-	-	Drift	Noncaseous	4	-
				Total		9	-
District Total	297	32	133	102,307	58,150	160,305	

NOTE: * Ammonium Nitrate was used at this mine.

District 19

District 19

Operators and Mines	County	Geological name of coal bed	Kind of Opening				Number and type		Explosives used - pounds	
			Height of seam in feet	Shaft: Slope	Drift: Aver-	: Gaseous or : Flame :	: lamps used :			
Hall, Inc., J. M. & J. M., Jr.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-
Penn Strip	Westmoreland	Redstone	48	-	-	Drift	Nongaseous	2	25	5,000
Harbaugh Coal Co.	Westmoreland	Redstone	48	-	-	Drift	Nongaseous	1	20	2,900
Betty Marie	Westmoreland					Total	3	45	7,900	-
Harris Coal Co.	Westmoreland	Pittsburgh	78	-	-	Drift	Nongaseous	1	20	2,400
Ellena	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-
Hutchinson Coal Co.	Westmoreland	Pittsburgh	84	-	-	-	-	-	-	-
Eureka Strip	Westmoreland	Redstone	43	-	-	-	-	-	-	150
Kesman Brothers Coal Co.	Westmoreland	Pittsburgh	66	-	-	-	-	-	-	-
Kesman No. 2 Strip	Westmoreland	Pittsburgh	66	-	-	-	-	-	-	-
Kimmel Coal Co.	Westmoreland	Redstone	40	-	-	-	-	-	-	2,900
River Strip	Westmoreland	Redstone	40	-	-	-	-	-	-	-
King Coal Co.	Westmoreland	Pittsburgh	96	-	-	Drift	Nongaseous	-	2	150
King	Westmoreland	Pittsburgh	96	-	-	Drift	Nongaseous	-	2	150
Klaka Coal Co.	Westmoreland	Pittsburgh	88	-	100	30	-	Nongaseous	1	10
Klaka	Westmoreland	Pittsburgh	88	-	100	30	-	Nongaseous	1	10
Koracin Coal Co.	Westmoreland	Pittsburgh	74	-	-	Drift	Nongaseous	2	-	10
Koracin	Westmoreland	Pittsburgh	74	-	-	Drift	Nongaseous	2	-	10
Krevokuck Coal Co.	Westmoreland	Redstone	48	-	-	Drift	Nongaseous	1	20	2,000
Scott Haven	Westmoreland	Redstone	48	-	-	Drift	Nongaseous	1	20	2,000
Laspina Coal Co.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	200
Laspina	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	200
Long Coal Co.	Westmoreland	Redstone	36	-	-	-	-	-	-	-
Apple Mill Strip	Westmoreland	Redstone	36	-	-	-	-	-	-	-
McClintock Coal Co.	Westmoreland	Pittsburgh	80	-	45	40	-	Nongaseous	3	-
McClintock	Westmoreland	Pittsburgh	80	-	45	40	-	Nongaseous	3	-
Medic Coal Co.	Westmoreland	Pittsburgh	84	-	25	15	-	Nongaseous	4	-
Medic	Westmoreland	Pittsburgh	84	-	25	15	-	Nongaseous	4	-
Metz Coal Co.	Westmoreland	Redstone	42	-	220	30	-	Nongaseous	2	-
Metz	Westmoreland	Redstone	42	-	220	30	-	Nongaseous	2	-
Morvin Coal & Development Co.	Westmoreland	Redstone	57	-	-	-	-	-	-	-
Morvin Coal No. 2 Strip	Westmoreland	Redstone	57	-	-	-	-	-	-	-
Oliver Coal Co.	Westmoreland	Redstone	48	-	50	25	-	Nongaseous	1	3
Oliver	Westmoreland	Redstone	48	-	50	25	-	Nongaseous	1	3
Orisk Coal Co.	Westmoreland	Pittsburgh	84	-	100	5	-	Nongaseous	2	1
Orisk	Westmoreland	Pittsburgh	84	-	100	5	-	Nongaseous	2	1

District 19

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening			Number and type			Explosives used - pounds			Other (Name)	
				Shaft	Slope	Drift	lamps used	Electric	Dynamite	Black powder				
Paterline Coal Co.	Westmoreland	Pittsburgh	66	-	75	20	-	Nonnaseous	3	-	-	-	-	-
Paulisick Coal Co.	Westmoreland	Pittsburgh	62	-	-	-	-	-	-	-	-	-	-	-
Paulisick Strip	Pittsburgh Coal Co., Div. of Consolidation Coal Co.													
Hutchinson	Westmoreland	Pittsburgh	72	230	-	-	-	Caseous	-	36	300	-	-	Airdox
Pletcher Coal Co.	Westmoreland	Pittsburgh	84	-	250	15	-	Nonnaseous	-	2	12	1,000	-	-
Magee	Westmoreland	Up. Freeport	60	-	60	15	-	Nonnaseous	-	2	15	2,400	-	-
Potoka No. 2	Westmoreland	Redstone	42	-	-	-	-	-	-	-	-	800	-	x
Prutz Brothers Coal Co.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Greenawalt Strip	Westmoreland	Redstone	42	-	-	-	-	-	-	-	-	-	-	-
Rathgeb & Gorr Coal Co.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Sterner Strip	Westmoreland	Redstone	48	-	-	-	-	Drift Nonnaseous	-	1	18	1,750	-	-
River Coal Co.	Westmoreland	Up. Freeport	60	-	-	-	-	Drift Caseous	-	10	63	84,000	-	-
Renue	Westmoreland	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	2	17	-	-	Airdox
Ruffsdale Coal Co., Inc.	Westmoreland	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	2	-	-	50	-	-
Ellis	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	4,500	-	-
S. & U. Coal Co.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Marchand	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Gantrick	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Sekora Coal Co.	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Sekora Strip	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Senor Coal Co., Inc.	Westmoreland	Redstone	46	-	-	-	-	-	-	-	-	-	-	-
Stella Strip	Westmoreland	Pittsburgh	72	-	100	6	-	Nonnaseous	-	2	15	1,200	-	-
Sewickley Coal Co.	Westmoreland	Redstone	48	-	-	-	-	Drift Nonnaseous	-	1	2	812	-	-
Darragh	Westmoreland	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-
Sewickley No. 2	Westmoreland	Redstone	48	-	-	-	-	-	-	-	-	-	-	-
Soberdash & Adams Coal Co.	Westmoreland	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	-
Ruffsdale Strip	Westmoreland	Pittsburgh	74	-	-	-	-	-	-	-	-	-	-	-
Stahl Coal Co.	Westmoreland	Pittsburgh	74	-	-	-	-	-	-	-	-	-	-	-
Stahl Strip	Westmoreland	Redstone	37	-	-	-	-	Drift Nonnaseous	4	-	-	100	-	-
Wachs Coal Co.	Westmoreland	Redstone	37	-	-	-	-	-	-	-	-	-	-	-
Wachs	Westmoreland	Redstone	37	-	-	-	-	-	-	-	-	-	-	-

District 20

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening			Number and type			Explosives used - pounds	Other (Name)
				Shaft	Slope	Drift	lamps	used			
				of	pitch	Age	Caseous	or	Flame	Permissible Black	
				in-	pitch	Drift	Non-caseous	open	electric	powder	Dynamite
				ches	length	degrees	Drift	Non-caseous	open	electric	powder
Heenan Coal Co.	Somerset	Lo. Freeport	38	-	-	Drift	Noncaseous	3	-	-	-
Heenan, Ray E.	Somerset	Lo. Freeport	27	-	-	-	-	-	-	-	-
Adams No. 1 Strip	Somerset	Up. Freeport	36	-	100	5	Noncaseous	2	1	200	-
Budzina, Mike	Somerset	Lo. Freeport	36	-	50	5	Noncaseous	3	-	100	-
Old Penn Smokeless	Somerset	Lo. Freeport	40	-	-	-	Drift	Noncaseous	2	30	5,450
Park	Somerset	Up. Freeport	38	-	-	Drift	Noncaseous	3	-	100	-
Cambria Fuel Co.	Somerset	Up. Freeport	52	-	-	-	-	-	-	5,000	-
Cambria No. 4	Somerset	Lo. Freeport	40	-	-	-	-	-	-	-	1,000 *
Cicciarelli, William	Somerset	Lo. Freeport	48	-	-	Drift	Noncaseous	3	-	300	-
Cicciarelli	Somerset	Lo. Freeport	30	-	-	Drift	Noncaseous	3	-	100	-
Coal Junction Coal Co.	Somerset	Lo. Freeport	30	-	-	-	Total	6	-	400	-
Croner, Inc.	Somerset	Lo. Freeport	40	-	-	-	Drift	Noncaseous	1	150	-
Zeinle Strip	Somerset	Lo. Freeport	48	-	-	-	-	-	-	-	500 *
Guster Brothers Coal Co.	Somerset	Lo. Freeport	42	-	-	-	-	-	-	400	4,000 *
No. 5A	Somerset	Lo. Freeport	42	-	-	-	-	-	-	200	4,500
No. 27	Somerset	Lo. Freeport	42	-	-	-	-	-	-	-	-
Davis Coal Co., C. R.	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Hillenas No. 2	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Duppstadt, Emmett	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Carver & Company	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Hilligas Strip	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
E. S. & C. Coal Co., Inc.	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Henscreek No. 1	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Prickson Coal Sales	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Higgins Run	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Fetterolf Coal Co., Inc., M. F.	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Albright No. 1 Strip	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Albright No. 2 Strip	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
Fetterolf No. 1 Strip	Somerset	Lo. Pittaminn	42	-	-	-	-	-	-	-	-
							Total			4,000	20,000
							Total			4,000	20,000

[illegible]

District 20

Operators and Mines	County	Geological name of coal bed	Height of seam in ches	Kind of Opening				Number and type of lamps used				Explosives used - pounds		Other (Name)
				Shaft	Slope	Drift	Average	Gasous	Flame	Permissible	Black	Dynamite		
				depth	length	degrees	pitch	or	open	safety	explosives	powder		
McClemens Brothers	Somerset	Lo. Freeport	26	-	-	-	Drift	Non-gaseous	-	-	4	1,000	-	-
McClemens No. 4	Somerset	Lo. Freeport	33	-	-	-	Drift	Non-gaseous	2	-	-	50	-	-
Mitchell & Fitzgerald	Somerset	Up. Freeport	48	-	-	-	Drift	Non-gaseous	2	-	-	100	-	-
Walker No. 1	Somerset	Lo. Freeport	36	-	-	-	Drift	Non-gaseous	2	-	-	100	-	-
Moore, Irvin W.	Somerset	Lo. Freeport	38	-	-	-	Drift	Non-gaseous	2	-	-	100	-	-
Moore	Somerset	Up. Freeport	38	-	-	-	Drift	Non-gaseous	3	-	-	5	-	-
Mull Coal Co., H. C.	Somerset	Up. Freeport	34	-	-	-	-	-	-	-	-	-	-	-
Coleman No. 2	Somerset	Up. Freeport	34	-	-	-	Drift	Non-gaseous	3	-	-	140	-	-
Nicholson, P. O.	Somerset	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	4	-	-	975	-	-
Nicholson	Somerset	U. Kittanning	46	-	-	-	Drift	Non-gaseous	10	1	-	2,350	-	-
Ortha, Anna	Somerset	Up. Kittanning	60	-	-	-	Drift	Non-gaseous	2	1	-	450	-	-
Ortha	Somerset	Lo. Freeport	40	-	-	-	-	Total	12	2	-	2,300	-	-
P. & P. Coal Co.	Somerset	Lo. Freeport	40	-	-	-	Drift	Non-gaseous	2	-	-	100	-	-
Auger	Somerset	Lo. Freeport	42	-	-	-	Drift	Non-gaseous	14	-	-	1,300	-	-
Paul Coal Co.	Somerset	Lo. Freeport	26	-	-	-	-	Total	16	-	-	1,900	-	-
Paul No. 2	Somerset	Lo. Freeport	26	-	-	-	Drift	Non-gaseous	1	1	-	600	-	-
Paul Coal Co., V. R.	Somerset	Up. Freeport	30	-	-	-	Drift	Non-gaseous	1	-	-	25	-	-
Paul No. 1	Somerset	Up. Pittanning	42	-	-	-	-	Non-gaseous	-	20	100	10,720	-	-
Pleasant Hill Coal Co.	Somerset	Up. Freeport	48	-	-	-	Drift	Non-gaseous	1	-	-	15	-	-
Hillegas	Somerset	Up. Kittanning	46	-	-	-	Drift	Non-gaseous	1	-	-	900	-	-
No. 20	Somerset	Lo. Freeport	44	-	-	-	Drift	Non-gaseous	7	-	-	-	-	-
Rice Coal Co., Inc., Carl	Somerset	Lo. Freeport	26	-	-	-	Drift	Non-gaseous	1	1	-	600	-	-
Rice No. 3	Somerset	Up. Freeport	30	-	-	-	Drift	Non-gaseous	1	-	-	25	-	-
Rice No. 4	Somerset	Up. Pittanning	42	-	-	-	-	Non-gaseous	-	20	100	10,720	-	-
Sager, Harry A.	Somerset	Up. Freeport	48	-	-	-	Drift	Non-gaseous	1	-	-	15	-	-
Sager	Somerset	Up. Kittanning	46	-	-	-	Drift	Non-gaseous	1	-	-	900	-	-
Sarver, E. H.	Somerset	Lo. Freeport	44	-	-	-	Drift	Non-gaseous	7	-	-	-	-	-
Saxman Coal & Coke Co., The	Somerset	Lo. Freeport	44	-	-	-	Drift	Non-gaseous	7	-	-	-	-	-
Harrison No. 2	Somerset	Lo. Freeport	44	-	-	-	Drift	Non-gaseous	7	-	-	-	-	-
Shaulis, Ernest E.	Somerset	Lo. Freeport	44	-	-	-	Drift	Non-gaseous	7	-	-	-	-	-
Shaulis	Somerset	Lo. Freeport	44	-	-	-	Drift	Non-gaseous	7	-	-	-	-	-
Sheria, Charles	Somerset	Lo. Freeport	44	-	-	-	Drift	Non-gaseous	7	-	-	-	-	-
Sheria	Somerset	Lo. Freeport	44	-	-	-	Drift	Non-gaseous	7	-	-	-	-	-
Snyder, Everett R.	Somerset	Lo. Freeport	44	-	-	-	Drift	Non-gaseous	7	-	-	-	-	-
Cambria No. 15	Somerset	Lo. Freeport	44	-	-	-	Drift	Non-gaseous	7	-	-	-	-	-

District 20

Operators and Mines	County	Geological name of coal bed	Height of seam in fathoms	Kind of Opening				Number and type of lamps used				Explosives used - pounds				Other (Name)	
				Shaft	Slope	Drift	Average age	Pitch	Length in degrees	Drift	Non-gaseous	Safety	Electric	Explosives	Powder		Dynamite
Stahl, Elmer D.	Somerset	Up. Freeport	34	-	-	Drift	Nongaseous	2	-	-	-	-	-	-	-	-	-
	Stutzman, Walter Merle	Lo. Freeport	42	-	-	Drift	Nongaseous	4	-	-	-	-	100	-	-	-	-
	Svonavec Coal Co.	Brushcreek	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Svonavec Coal Co.	Up. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	-	-	*
	Svonavec Coal Mining Co., C.	Lo. Freeport	30	-	-	Drift	Nongaseous	11	-	-	-	-	500	-	-	-	-
	Swank Coal Co.	Lo. Kittanning	34	-	-	Drift	Nongaseous	2	-	-	-	-	200	-	-	-	-
	Swank No. 1	Lo. Freeport	28	-	-	Drift	Nongaseous	1	-	-	-	-	75	-	-	-	-
	Swank No. 2			-	-	Drift	Nongaseous	3	-	-	-	-	275	-	-	-	-
				-	-		Total										
				-	-		Total										
Thermal Coal Mining Co.	Somerset	Lo. Freeport	31	-	-	-	-	-	-	-	-	-	6,300	-	-	-	-
	Cleaves Strip	Lo. Freeport	34	-	-	-	-	-	-	-	-	-	38,400	-	-	-	-
	Walker Strip	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	63,700	-	-	-	-
	Williams Strip			-	-		Total						108,400	-	-	-	-
				-	-		Total										
	Thomas, Samuel	Up. Freeport	36	-	-	Drift	Nongaseous	2	-	-	-	-	200	-	-	-	-
	Thomas			-	-		Nongaseous	4	-	-	-	-	400	-	-	-	-
	Tirko & Swintosky	Lo. Freeport	36	-	-	Drift	Nongaseous	6	-	-	-	-	700	-	-	-	-
	Armagost	Lo. Freeport	40	-	150	18	-	-	-	-	-	-	-	-	-	-	-
	Trent Coal Co.	Up. Kittanning	38	-	-	Drift	Nongaseous	2	1	-	-	-	4	-	-	-	-
Tunstall & Tressler	Somerset	Up. Freeport	44	-	-	Drift	Nongaseous	3	-	-	-	-	50	-	-	-	-
	Volpe, Puckey & Burba	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	V. P. & B.	Lo. Freeport	42	-	-	-	-	-	-	-	-	-	-	-	-	200	*
	Welgie, Guy	Lo. Freeport	24	-	-	Drift	Nongaseous	2	-	-	-	-	50	-	-	-	-
	Wiegley Strip	Lo. Freeport	48	-	-	Drift	Nongaseous	2	-	-	-	-	200	-	-	-	-
	Will & Will	Up. Kittanning	46	-	-	Drift	Nongaseous	2	-	-	-	-	100	-	-	-	-
	Sporlein			-	-		Nongaseous	2	-	-	-	-	-	-	-	-	-
	Yoder & Hay			-	-		Nongaseous	2	-	-	-	-	-	-	-	-	-
	Yoder No. 2			-	-		Nongaseous	2	-	-	-	-	-	-	-	-	-
	Z. & P. Coal Co.	Up. Freeport	46	-	-	Drift	Nongaseous	2	-	-	-	-	100	-	-	-	-
Z. & P. No. 2			-	-		Nongaseous	2	-	-	-	-	-	-	-	-	-	
District Total			180	48	217							207,059	-	-	34,950		

NOTE: * Ammonium Nitrate was used at this mine.

District 21

Operators and Mines	County	Geological name of coal bed	Kind of Opening				Number and type				Explosives used - pounds	Other (Name)
			Height of seam in feet	Shaft Slope	Drift	Average age	Gasous or Non-gaseous	Drift	lamps used	Electric safety explosives		
American Carbon Fuels, Inc.	Greene	Sewickley	50	-	-	-	-	-	-	-	1,200	-
Raber Strip	Greene	Sewickley	50	-	-	-	-	-	-	-	-	-
Arctia Coal Co.	Fayette	Pittsburgh	72	-	75	10	Non-gaseous	4	2	-	150	-
Crystal No. 2	Fayette	Pittsburgh	72	-	75	10	Non-gaseous	4	2	-	150	-
Baran, Joseph S.	Greene	Sewickley	50	-	-	-	-	-	-	-	300	200
Baranek, Joseph	Fayette	Pittsburgh	75	-	-	-	Drift Non-gaseous	1	1	-	100	-
Brown Hill	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	2	1	-	50	-
Battisti, Charles	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	2	1	-	50	-
Locust Hill	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	2	1	-	50	-
Bortz Coal Co.	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	2	1	-	50	-
Marion Strip	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	2	1	-	50	-
Brewer Coal Co.	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	2	1	-	50	-
Brewer	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	2	1	-	50	-
Camp Coal Co., Inc.	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	2	1	-	50	-
Suarez No. 1	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	2	1	-	50	-
Caro Coal Co.	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	2	1	-	50	-
Hetty No. 2	Greene	Sewickley	60	-	-	-	Drift Non-gaseous	2	20	-	-	Airdox
Chellini Coal Co.	Greene	Pittsburgh	90	-	150	5	Non-gaseous	-	2	10	500	-
David & Paul	Greene	Pittsburgh	90	-	150	5	Non-gaseous	-	2	10	500	-
Chess Coal Co.	Greene	Pittsburgh	90	-	150	5	Non-gaseous	-	2	10	500	-
Catherine No. 3	Greene	Sewickley	52	-	-	-	Drift Non-gaseous	-	2	15	200	-
Clark Coal Co.	Fayette	Pittsburgh	67	-	-	-	Drift Non-gaseous	3	1	-	150	-
Cornish	Fayette	Pittsburgh	67	-	-	-	Drift Non-gaseous	3	1	-	150	-
Diana Coal Co.	Fayette	Pittsburgh	72	-	-	-	Drift Non-gaseous	-	1	5	800	-
Dillinger & Whyel Coal Co.	Greene	Sewickley	60	-	-	-	Drift Non-gaseous	1	1	-	5	-
Dillinger	Greene	Pittsburgh	65	-	-	-	Drift Non-gaseous	1	1	-	-	-
Dunham Coal Co.	Fayette	Pittsburgh	65	-	-	-	Drift Non-gaseous	1	1	-	-	-
Lakeview	Greene	Sewickley	59	-	-	-	Drift Non-gaseous	-	45	270	8,200	-
Duquesne Light Co.	Greene	Pittsburgh	92	-	-	-	Drift Non-gaseous	-	45	270	8,200	-
Warwick No. 1	Greene	Pittsburgh	92	-	-	-	Drift Non-gaseous	-	45	270	8,200	-
Warwick No. 2	Greene	Pittsburgh	92	-	-	-	Drift Non-gaseous	-	45	270	8,200	-
Franks Coal Co., Inc.	Fayette	Pittsburgh	60	-	-	-	Drift Non-gaseous	-	4	24	7,050	-
Marion No. 1	Fayette	Pittsburgh	60	-	-	-	Drift Non-gaseous	-	4	24	7,050	-
French Coal Co.	Fayette	Pittsburgh	60	-	-	-	Drift Non-gaseous	-	4	24	7,050	-
Marion No. 1	Fayette	Pittsburgh	60	-	-	-	Drift Non-gaseous	-	4	24	7,050	-

District 21

Operators and Mines	County	Geological name of coal bed	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)
			Height of seam in-ches	Drift	Shaft	Glaze	Average	Gasous	or	Flame	Permissible	Black powder	
Ivy Coal & Stone Co.	Fayette	Redstone	35	-	-	-	-	-	-	-	-	1,000	*
Fayette Strip Co. & H. Coal Co.	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	2	1	-	150	-
H. & A. Coal Co.	Fayette	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	4	1	-	1,200	-
Adah No. 1	Greene	Pittsburgh	84	-	-	-	-	-	-	-	-	2,000	-
Henderson, Virgil	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	2	15	950	-
Henderson Strip	Greene	Pittsburgh	84	-	-	-	-	Drift Nonnaseous	-	2	12	1,400	-
Hilltop Coal Co.	Greene	Pittsburgh	80	192	-	-	-	Drift Gasous	-	269	788	40,300	-
Maple-Sterlin	Greene	Pittsburgh	54	-	-	-	-	Drift Nonnaseous	-	2	12	1,185	-
Jimmie's Coal Co.	Greene	Pittsburgh	60	-	-	-	-	Drift Nonnaseous	-	1	3	120	-
Jimmie's 9-Foot	Greene	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
Jones & Laughlin Steel Corp.	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	2	12	1,185	-
Shannon	Greene	Pittsburgh	60	-	-	-	-	Drift Nonnaseous	-	1	3	120	-
K. D. & M. Coal Co.	Greene	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-
K. D. & M.	Greene	Pittsburgh	48	-	-	-	-	Drift Nonnaseous	-	2	12	600	-
K. R. & J. Coal Co.	Greene	Pittsburgh	56	-	-	-	-	Drift Nonnaseous	-	3	15	-	-
Kay's Coal Co.	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	2	150	-
Kay's No. 7 Strip	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	2	1	-	-	-
Leckrone Coal & Coke Co.	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	6	35	1,000	-
Leckrone No. 2	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	2	-	-
Lee Coal Co., Inc.	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	2	50	-
Martha	Greene	Pittsburgh	22	-	-	-	-	-	-	-	-	-	-
Lewskie Coal Co.	Greene	Pittsburgh	84	-	-	-	-	Drift Nonnaseous	-	4	15	600	-
Lewskie	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Lucia, Patsy A.	Fayette	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Porter	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Malden Mining Co.	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Malden No. 4	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Mesich & Greenwood Coal Co.	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Greenwood	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Meucci Coal Co.	Fayette	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Meucci	Fayette	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Miller, Edward G.	Fayette	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Miller, Edward G.	Fayette	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Baker Strip	Fayette	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Mohar Brothers Coal Co.	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-
Moffitt	Greene	Pittsburgh	72	-	-	-	-	Drift Nonnaseous	-	1	-	-	-

District 21

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Shaft	Kind of Opening					Number and type lamps used					Explosives used - pounds		Other (Name)
					: Slope	: Drift	: Aver-	: age	: Caseous	: Flame	: Permissible	: Black					
													: pitch	: degrees	: drift	: non-gaseous	
Molnar Coal Mining Co., Inc.	Greene	Sewickley	60	-	-	-	Drift	Nonnaseous	-	4	15	100	-	-	-	-	
Molnar No. 4																	
Moreland Coal Co.	Greene	Pittsburgh	66	-	-	-	Drift	Nonnaseous	-	1	5	200	-	-	-	-	
Maple-Sterling No. 2																	
Nalvanko Coal Co.	Fayette	Pittsburgh	72	-	75	10	-	Nonnaseous	2	1	-	75	-	-	-	-	
Crystal No. 2																	
O'Brien Coal Co.	Greene	Pittsburgh	72	-	-	-	Drift	Nonnaseous	2	1	-	100	-	-	-	-	
Trinity																	
P. & M. Coal Co.	Greene	Sewickley	60	-	-	-	Drift	Nonnaseous	2	1	-	25	-	-	-	-	
P. & M.																	
Palva Coal Co.	Fayette	Pittsburgh	72	-	-	-	Drift	Nonnaseous	-	2	20	250	-	-	-	-	
Marion No. 1																	
Phillips Coal & Coke Co.	Greene	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	-	-	-	
Phillips Strip																	
K. & E. Coal Co.	Greene	Sewickley	60	-	-	-	Drift	Nonnaseous	2	1	-	400	-	-	-	-	
Dawson																	
R. & S. Coal Co.	Greene	Sewickley	60	-	-	-	Drift	Nonnaseous	2	1	-	50	-	-	-	-	
R. & S.																	
S. & T. Coal Co.	Fayette	Pittsburgh	72	-	-	-	Drift	Nonnaseous	3	1	-	150	-	-	-	-	
Fancy Hill																	
Sabatine Coal Co.	Fayette	Redstone	36	-	-	-	-	-	-	-	-	-	-	-	-	-	
Richhill Strip																	
Slater & Caldwell Coal Co.	Greene	Sewickley	48	-	-	-	Drift	Nonnaseous	-	1	4	150	-	-	-	-	
Titus																	
Smith Coal Mining Co.	Fayette	Pittsburgh	72	-	-	-	Drift	Nonnaseous	3	1	-	100	-	-	-	-	
Smith No. 2																	
Smith & Wise Coal Co.	Fayette	Redstone	35	-	-	-	-	-	-	-	-	-	-	-	-	-	
Morgan Strip																	
Taylorstown Coal Co.	Greene	Sewickley	54	-	-	-	Drift	Nonnaseous	-	2	8	800	-	-	-	-	
Kay's No. 3																	
Valley Bend Coal Co.	Greene	Pittsburgh	70	-	-	-	Drift	Nonnaseous	-	2	6	-	-	-	-	Airdox	
No. 1																	
Valley Point Coal Co.	Greene	Sewickley	48	-	-	-	-	-	-	-	-	-	-	-	-	-	
Thomas Strip																	
Volek & McHair Coal Co.	Greene	Sewickley	48	-	-	-	Drift	Nonnaseous	1	1	-	250	-	-	-	-	
Providence																	
Whiteley Mining Co.	Greene	Sewickley	45	-	-	-	Drift	Nonnaseous	-	2	10	130	-	-	-	-	
Whiteley No. 3																	

District 22

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds			
				Shaft	Slope	Drift	Average	Gaseous	or	Flame	Electric	Black powder	Dynamite	Other (Name)	
															depth
Evans Coal Co., Adam Chambers Red. No. 1 Strip	Allegheny	Pittsburgh	60	-	-	-	-	-	-	-	-	-	-	-	-
Fetchen, Pete	Allegheny	Redstone	46	-	-	Drift	Nongaseous	1	-	-	50	-	-	-	-
Fine, Harry L., Sr.	Allegheny	Pittsburgh	72	-	90	20	-	Nongaseous	-	1	2	200	-	-	-
Flore Coal Co., Fred	Allegheny	Pittsburgh	66	-	-	-	-	-	-	-	-	-	-	-	-
Flore Contractors, William	Allegheny	Redstone	42	-	-	-	-	-	-	-	-	-	-	-	-
Witherow-Andrews Strip	Allegheny	Pittsburgh	66	-	-	-	-	-	-	-	-	-	-	-	-
Flore Development Co.	Allegheny	Pittsburgh	60	-	-	Drift	Gaseous	-	5	63	2,600	-	-	-	-
Monks-McKelvy Strip	Allegheny	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	*	Gel
Fleck Coal Co.	Allegheny	Redstone	48	-	-	-	-	-	-	-	-	-	-	-	-
Ford, George E.	Allegheny	Thick Freeport	84	208	-	-	-	Gaseous	-	40	144	21,250	-	-	-
Mowry Strip	Allegheny	Redstone	38	286	-	-	-	-	-	-	-	-	-	3,000	-
Peterson & McClure Strips	Allegheny	Redstone	34	-	-	-	-	-	-	-	-	5,000	-	150	-
Greensburg-Connelville Coal & Coke	Allegheny	Redstone	36	-	-	-	-	-	-	-	-	-	-	-	-
Hubbard	Allegheny	Pittsburgh	66	-	-	Drift	Gaseous	-	160	390	3,750	-	-	Airdux	-
Kurtak, Michael	Allegheny	Pittsburgh	66	-	-	Drift	Nongaseous	-	2	6	450	-	-	-	-
Kutsenkow Coal Co., Helen E.	Allegheny	Redstone	40	-	-	-	-	-	-	-	-	-	-	-	-
Kutsenkow Strip	Washington	Pittsburgh	70	-	-	-	-	-	-	-	-	-	-	-	-
Long Coal Co.	Washington	Pittsburgh	65	-	-	-	Drift	Nongaseous	-	-	-	-	-	-	-
Venetia Strip	Washington	Pittsburgh	65	-	-	-	-	-	-	-	-	-	-	-	-
Mathies Coal Co.	Washington	Pittsburgh	65	-	-	-	-	-	-	-	-	-	-	-	-
Mathies	Washington	Pittsburgh	65	-	-	-	-	-	-	-	-	-	-	-	-
Miller Coal Co., James O.	Washington	Pittsburgh	65	-	-	-	-	-	-	-	-	-	-	-	-
Banner	Allegheny	Redstone	40	-	-	-	-	-	-	-	-	-	-	-	-
Q. & R. Coal Co.	Allegheny	Pittsburgh	70	-	-	-	-	-	-	-	-	-	-	-	-
Fedell Strip	Allegheny	Pittsburgh	65	-	-	-	-	-	-	-	-	-	-	-	-
Rostovsky Brothers	Allegheny	Pittsburgh	65	-	-	-	-	-	-	-	-	-	-	-	-
Rostovsky Strip	Allegheny	Pittsburgh	65	-	-	-	-	-	-	-	-	-	-	-	-
Sall Ray Coal Co., Inc.	Allegheny	Pittsburgh	65	-	-	-	-	-	-	-	-	-	-	-	-
Montour No. 8	Allegheny	Redstone	48	-	-	-	-	-	-	-	-	-	-	-	-
Sanbrac Coal Co.	Washington	Redstone	48	-	-	-	-	-	-	-	-	-	-	-	-
Smith & Armstrong Strips	Washington	Redstone	48	-	-	-	-	-	-	-	-	-	-	-	-

District 22

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening			Number and type			Explosives used - pounds			Other (Name)
				Shaft	Slope	Drift	Lamps	Gas	Flame	Electric	Permissible	Dynamite	
				depth	length	pitch	degrees	non-gaseous	gaseous	or	drift	Non-gaseous	
Sanders Brothers Coal Co., Inc.	Washington	Pittsburgh	70	-	60	20	-	Non-gaseous	-	1	2	360	-
Sibben & Brunazzi	Allegheny	Pittsburgh	70	-	-	-	Drift	Non-gaseous	-	-	-	-	-
Siler Coal Co.	Washington	Pittsburgh	60	-	-	-	Drift	Non-gaseous	-	2	6	1,000	-
Sims Coal Co.	Allegheny	Pittsburgh	66	-	-	-	Drift	Non-gaseous	-	3	25	5,000	-
Solar Coal Co.	Allegheny	Redstone	40	-	-	-	-	-	-	-	-	-	*
Beedle Strip	Allegheny	Pittsburgh	70	-	-	-	-	-	-	-	-	-	Gel
Kovach Strip	Allegheny	Pittsburgh	70	-	-	-	-	-	-	-	-	-	-
Sporio Coal Co.	Allegheny	Pittsburgh	68	-	-	-	-	-	-	-	-	-	-
Sporio Strip	Allegheny	Redstone	32	-	-	-	-	-	-	-	-	560	-
Twilight Industries, Inc.	Allegheny	Redstone	48	-	-	-	Drift	Non-gaseous	-	2	10	860	-
Finley Strip	Allegheny	Redstone	48	-	-	-	Drift	Non-gaseous	-	2	10	860	-
Williams Coal Co.	Allegheny	Redstone	48	-	-	-	Drift	Non-gaseous	-	2	10	860	-
Williams	Allegheny	Redstone	48	-	-	-	Drift	Non-gaseous	-	2	10	860	-
District Total			District Total			4	227	684	43,920	100	3,150		

NOTE: * Ammonium Nitrate was used at this mine.

District 23

Angelo Coal Co.	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	2	10	600	-
Empire	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	4	18	500	-
Baker Coal Co.	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	4	18	500	-
Tremont No. 3	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	4	18	500	-
Strip	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	4	18	500	-
Chubby Coal Co., Steve	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	3	1	250	-
Washington	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	3	1	250	-
Cochran Coal Co.	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	3	1	250	-
Cochran	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	3	1	250	-
Conn, Charles, Jr.	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	3	1	250	-
Porterfield	Fayette	Pittsburgh	96	-	-	-	Drift	Non-gaseous	-	3	1	250	-
District Total			District Total			4	227	684	43,920	100	3,150		

District 23

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening			Number and type			Explosives used - pounds		Other (Name)			
				Shaft	Slope	Drift	Lamps used	Electric	Black powder	Dynamite					
Eastern Gas & Fuel Associates	Fayette	Lo. Kittanning	48	-	-	Drift	Non-gaseous	-	3	25	-	3,200	-		
McLafferty	Fayette	Packerstown	24	-	-	-	-	-	-	-	-	-	-		
Green, Inc., Walter	Fayette	Pittsburgh	96	-	-	Drift	Non-gaseous	2	-	-	-	400	-		
Zohley Strip	Fayette	Redstone	42	-	-	-	-	-	-	-	-	-	-		
Hurlin, Michael	Fayette	Lo. Kittanning	40	-	-	Drift	Non-gaseous	2	-	-	-	150	-		
Harlin	Fayette	Up. Freeport	56	-	-	Drift	Non-gaseous	2	-	-	-	650	-		
Horrell & Son	Fayette	Pittsburgh	96	-	-	Drift	Non-gaseous	6	1	-	-	900	-		
Keefer & Shultz	Fayette	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-	*		
Coffman No. 1	Fayette	Pittsburgh	80	-	700	14	Gasous	-	5	7	264	16,100	-		
Koballa	Fayette	Up. Freeport	48	-	-	Drift	Non-gaseous	3	-	-	-	100	-		
Marcolino	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-	*		
Marcolino Construction Co.	Fayette	Up. Freeport	94	-	-	Drift	Non-gaseous	4	-	-	-	90	-		
Moon & Sons, Inc.	Fayette	Up. Freeport	48	-	-	Drift	Non-gaseous	-	1	6	-	300	-		
Ellen Strip	Fayette	Packerstown	36	-	-	-	-	-	-	-	-	-	-		
National Mines Corp.	Fayette	Pittsburgh	96	84.6	60	14	Gasous	-	20	130	-	1,500	-		
Labella	Fayette	Pittsburgh	96	66.94	-	-	Gasous	-	40	100	-	950	-		
Nicholson, Nelson	Fayette	Pittsburgh	96	74.2	-	-	Gasous	-	40	300	-	600	-		
Scarlet	Fayette	Pittsburgh	84	-	-	Drift	Non-gaseous	-	24	240	-	400	-		
Piccolomini, William	Fayette	Up. Freeport	48	-	-	Drift	Non-gaseous	-	11	60	-	750	-		
Davidson Strip	Fayette	Packerstown	36	-	-	-	-	-	-	-	-	-	-		
Schroyer, Lewis G.	Fayette	Up. Freeport	48	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
Delavan No. 1	Fayette	Pittsburgh	84	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
Shallenberger, Wm. & Harry	Fayette	Pittsburgh	74	-	-	Drift	Non-gaseous	-	2	38	-	-	-		
Shallenberger	Fayette	Pittsburgh	74	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
Seiberlich Coal & Coke Co.	Fayette	Pittsburgh	96	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
Strip	Fayette	Pittsburgh	96	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
United States Steel Corp.	Fayette	Pittsburgh	96	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
Richesport	Fayette	Pittsburgh	96	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
Colonial	Fayette	Pittsburgh	96	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
Loisvontine	Fayette	Pittsburgh	84	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
Maxwell	Fayette	Pittsburgh	84	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
Victory Coal Co.	Fayette	Pittsburgh	74	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
Victory	Fayette	Pittsburgh	74	-	-	Drift	Non-gaseous	-	-	-	-	-	-		
District Total											24	148	1,340	27,715	550

NOTE: * Ammonium Nitrate was used at this mine.

District 24

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind or Opening						Number and type				Explosives used - pounds		Other (Name)
				Shaft	Slope	Drift	Average		Gaseous	Lamps used	Permissible	Black powder	Dynamite			
							length	degrees						pitch	or	
Bahorik Coal Co.	Somerset	Lo. Kittanning	44	-	-	Drift	Non-gaseous	-	2	22	4,050	-	-	-	-	-
Berkey Coal Co., Curtis Berkey	Somerset	Up. Kittanning	42	-	-	Drift	Non-gaseous	3	1	-	150	-	-	-	-	-
Berkey Coal Co., Inc. Creek Hill Strip	Cambria	Lo. Kittanning	44	-	-	-	-	-	-	-	2,450	-	-	9,000	-	-
Berwind-White Coal Mining Co.	Cambria	Up. Kittanning	65	-	-	Drift	Gaseous	-	35	340	9,860	-	-	-	-	-
Eureka No. 37 Upper Elton Coal Co., John E. Elton	Somerset	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Beauty Coal Co.	Somerset	Up. Freeport	42	-	-	Drift	Non-gaseous	2	-	-	20	-	-	-	-	-
Bloom Coal Co., Ralph, Jr. Bloom	Somerset	Up. Kittanning	42	-	-	Drift	Non-gaseous	4	1	-	610	-	-	-	-	-
B-Quality Coal Co.	Somerset	Up. Kittanning	48	-	-	Drift	Non-gaseous	-	2	11	460	-	-	-	-	-
Cominsky Coal Co., Joseph A. Cominsky	Somerset	Lo. Kittanning	42	-	-	Drift	Non-gaseous	4	1	-	400	-	-	-	-	-
Constantino Coal Co. Constantino Strip	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-
Country Club Coal Co.	Somerset	Up. Kittanning	40	-	-	Drift	Non-gaseous	-	2	12	1,100	-	-	-	-	-
Dalton Run Coal Co. No. 2	Somerset	Up. Kittanning	40	-	-	Drift	Non-gaseous	12	2	-	1,240	-	-	-	-	-
Delasko Coal Co., Steve Delasko	Somerset	Lo. Kittanning	48	-	-	Drift	Non-gaseous	2	-	-	15	-	-	-	-	-
Dell Coal Co.	Somerset	Up. Kittanning	54	-	-	Drift	Non-gaseous	-	2	14	835	-	-	-	-	-
Eureka No. 35 Upper Devan Coal Co., Daniel Devan	Somerset	Up. Kittanning	36	-	-	Drift	Non-gaseous	4	2	-	400	-	-	-	-	-
East Windber Coal Co. East Windber No. 4	Somerset	Lo. Kittanning	38	-	-	Drift	Non-gaseous	-	3	16	1,200	-	-	-	-	-
Foustwell Coal Co.	Somerset	Lo. Kittanning	44	-	-	Drift	Non-gaseous	2	-	-	350	-	-	-	-	-
Fyock Coal Co. Fyock	Somerset	Lo. Kittanning	42	-	-	Drift	Non-gaseous	2	-	-	194	-	-	-	-	-
Gindlesperger Brothers Coal Co. Reitz No. 3 Upper	Somerset	Up. Kittanning	40	-	-	Drift	Non-gaseous	-	1	2	150	-	-	-	-	-

District 24

Operators and Mines	County	Geological name of coal bed	Height of seam in-ches	Kind of Opening				Number and type				Explosives used - pounds	Other (Name)
				Shaft	Slope	Average	Drift	Gasous	or	Flame	Electric		
				depth	length	degrees	drift	non-gaseous	open safety	explosives	powder		
Glariant Coal & Equipment, Inc.													
Greathouse	Somerset	Up. Kittanning	40	-	-	-	Drift	Nonnaseous	-	2	7	1,100	-
Godin & Schmidt Coal Co.		Up. Freeport	30	-	-	-	-	-	-	-	-	-	-
Godin & Schmidt Strip	Somerset	Lo. Kittanning	48	-	-	-	-	-	-	-	-	-	-
Hoffman Coal Co., Herbert		Up. Kittanning	42	-	-	-	Drift	Nonnaseous	4	1	-	1,500	-
Hoffman	Somerset	Lo. Kittanning	48	-	-	-	Drift	Nonnaseous	2	1	-	250	-
Horseshoe Coal Co.	Somerset	Lo. Kittanning	38	-	-	-	Drift	Nonnaseous	3	1	-	400	-
Ideal	Somerset	Up. Kittanning	42	-	-	-	Drift	Nonnaseous	-	2	6	500	-
J. & L. Coal Co.	Somerset	Lo. Kittanning	42	-	-	-	Drift	Nonnaseous	2	-	-	200	-
Kimmel Coal Co., Thomas	Somerset	Up. Kittanning	38	-	-	-	Drift	Nonnaseous	19	4	-	4,000	-
Kimmel	Somerset	Up. Kittanning	50	-	-	-	Drift	Nonnaseous	-	2	24	1,400	-
Kohler Coal Co., Robert G.	Somerset	Up. Kittanning	30	-	-	-	Drift	Nonnaseous	2	-	-	50	-
L. & H. Coal Co.	Somerset	Up. Kittanning	39	-	-	-	Drift	Nonnaseous	1	-	-	45	-
Peetage No. 2	Somerset	Up. Kittanning	39	-	-	-	Drift	Nonnaseous	-	2	6	30	-
Leppert Coal Co., Fred D.	Somerset	Up. Kittanning	42	-	-	-	Drift	Nonnaseous	3	2	-	250	-
Hard Luck	Somerset	Up. Kittanning	36	-	-	-	Drift	Nonnaseous	3	-	-	100	-
Manges Coal Co.	Somerset	Up. Kittanning	42	-	-	-	Drift	Nonnaseous	-	2	9	1,009	-
Manges	Somerset	Up. Kittanning	46	-	-	-	Drift	Nonnaseous	1	-	-	50	-
Martin & Louis Coal Co.	Somerset	Lo. Kittanning	40	-	-	-	-	-	-	-	-	-	-
M. & L.	Camblria	Up. Kittanning	44	-	-	-	-	-	-	-	-	-	-
Martinsage Coal Co.	Somerset	Up. Kittanning	40	-	-	-	-	-	-	-	-	-	-
Martinsage	Somerset	Up. Kittanning	40	-	-	-	-	-	-	-	-	-	-
Milavec Coal Co.	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Milavec	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Ogletown Coal Co.	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
No. 2	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Ott Coal Co.	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Ott	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Peacock Mining Co.	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Peacock Strip	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Pelesky Coal Co.	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Pelesky Strip	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Pittsburgh-Summit Coal Co.	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-
Burg No. 1 Strip	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	-	-	-

Operators and Mines	County	Geological name of coal bed	Height of seam in-ches	Kind of Opening				Number and type of lamps used				Explosives used - pounds	
				Shaft	Slope	Average age	Drift	Gasous	Flame	Permissible	Black	Dynamite	Other (Name)
Reitz Coal Co.	Somerset	Lo. Kittanning	46	-	-	Drift	Non-gaseous	3	106	-	-	-	-
Reitz No. 3	Somerset	Up. Kittanning	38	-	-	Drift	Non-gaseous	-	1	-	-	-	-
Reitz No. 3 Upper	Somerset	Lo. Kittanning	46	-	-	Drift	Non-gaseous	3	109	-	-	14,000	-
Reitz No. 4	Somerset	Up. Kittanning	42	-	-	Drift	Non-gaseous	3	88	-	-	5,100	-
Reitz No. 5	Somerset	Up. Kittanning	42	-	-	Drift	Non-gaseous	-	10	303	-	19,100	-
Richland Coal Corp.	Cambria	Lo. Kittanning	42	-	-	Drift	Non-gaseous	3	1	-	-	100	-
Richland	Somerset	Up. Kittanning	42	-	-	Drift	Non-gaseous	4	1	-	-	250	-
Seligas Coal Co., Edward J. Hoffman	Somerset	Up. Freeport	38	-	-	Drift	Non-gaseous	2	-	-	-	10	-
Shade Coal Co.	Somerset	Lo. Kittanning	48	-	-	Drift	Non-gaseous	-	-	-	-	400	-
Shaffer Coal Co., Myron Shaffer	Somerset	Lo. Kittanning	46	-	-	Drift	Non-gaseous	3	-	-	-	25	-
Myron Shaffer Strip	Somerset	Lo. Kittanning	46	-	-	Drift	Non-gaseous	3	-	-	-	150	-
Shaffer No. 7	Somerset	Lo. Kittanning	46	-	-	Drift	Non-gaseous	6	-	-	-	575	-
Shaffer & Sons Coal Co., I. Shaffer	Cambria	Lo. Kittanning	45	-	-	Drift	Non-gaseous	4	1	-	-	150	-
Shesley's Minerals, Inc.	Somerset	Clarion	40	-	-	-	-	-	-	-	-	3,000	1,200
Shuster Coal Co.	Somerset	Up. Kittanning	38	-	-	Drift	Non-gaseous	-	2	8	-	650	-
Shuster No. 1	Somerset	Up. Kittanning	42	-	-	Drift	Non-gaseous	-	2	10	-	1,400	-
Six Foremen Coal Co., Inc.	Somerset	Lo. Kittanning	38	-	-	Drift	Non-gaseous	2	1	-	-	40	-
Six Foreman	Somerset	Lo. Kittanning	42	-	-	Drift	Non-gaseous	-	4	30	-	11,000	-
Steel & Persio Coal Co.	Somerset	Lo. Kittanning	42	-	-	Drift	Non-gaseous	3	-	-	-	275	-
P. & S.	Somerset	Lo. Kittanning	42	-	-	Drift	Non-gaseous	-	2	20	-	375	-
Swank's Sons Coal Co., Hiram Swank No. 23	Somerset	Up. Kittanning	36	-	-	Drift	Non-gaseous	2	-	-	-	150	-
Swaynos Coal Co., Joseph Swaynos	Somerset	Up. Kittanning	44	-	-	Drift	Non-gaseous	3	-	-	-	50	-
Toth Coal Co., Steve Toth	Somerset	Lo. Kittanning	42	-	-	Drift	Non-gaseous	-	-	-	-	-	-
Valent Coal Co., Joseph Valent	Somerset	Up. Kittanning	42	-	-	Drift	Non-gaseous	2	-	-	-	-	-
Volpe Coal Co.	Somerset	Up. Freeport	44	-	-	Drift	Non-gaseous	3	-	-	-	-	-

District 24

Operators and Mines	County	Geological name of coal bed	Height of seam in-ches	Kind of Opening			Number and type			Explosives used - pounds	Other (Name)			
				Shaft	Slope	Drift	lamps used							
				chess	depth	length	degrees	drift	non-gaseous	safety	electric	explosives	powder	Dynamite
Wain Coal Co.														
Vain No. 2	Somerset	Lo. Kittanning	42	-	-	-	-	Drift	Nongaseous	-	2	3	450	-
Windier High Standard Coal Co.		Lo. & Up. Kitt.	40	-	-	-	-	-	-	-	-	-	-	-
Windier Superior Coal Co.	Somerset	Lo. Kittanning	44	-	-	-	-	-	-	-	-	-	-	-
Yania Brothers Coal Co.	Somerset	Up. Kittanning	40	-	-	-	-	-	-	-	-	-	-	-
Country Club No. 5	Somerset	Up. Kittanning	42	-	-	-	-	Drift	Nongaseous	2	-	-	175	-
Yarnell Brothers Coal Co.	Cambria	Lo. Kittanning	48	-	-	-	-	Drift	Nongaseous	3	-	-	450	-
Yarnell														
District Total								109	99	843	-	-	72,568	10,200

District 25

Appalachia Coal Co.	Indiana	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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District 25

Operators and Mines	County	Geological name of coal bed	Height of seam in-ches	Kind or Opening				Number and type				Explosives used - pounds		Other (Name)
				Shaft	Slope	Drift	Average	Lamps used	Flame	Permissible	Black powder	Dynamite		
				depth	length	degrees	drift	non-gaseous	or	gas	electric	explosives		
Purns Coal Co., J. T.	Indiana	Up. Freeport	42	-	-	-	Drift	Non-gaseous	3	-	-	300	-	-
Hurns No. 3	Indiana	Lo. Kittanning	40	-	-	-	Drift	Non-gaseous	-	5	50	1,150	-	-
C. & M. Coal Co.	Indiana	Lo. Freeport	40	-	-	-	Drift	Non-gaseous	3	1	-	950	-	-
C. & P. Coal Co.	Indiana	Lo. Freeport	40	-	-	-	-	-	-	-	-	100	-	-
Leasure No. 1	Indiana	Lo. Freeport	36	-	-	-	Drift	Non-gaseous	2	-	-	400	-	-
Capizzi Coal Co.	Indiana	Lo. Freeport	38	-	-	-	Drift	Non-gaseous	3	-	-	100	-	-
Joseph No. 1 Strip	Indiana	Lo. Freeport	42	-	-	-	Drift	Non-gaseous	-	3	12	300	-	-
Chilenski Brothers Coal Co.	Indiana	Lo. Freeport	36	-	-	-	Drift	Non-gaseous	-	12	55	7,150	-	-
Chilenski No. 1	Indiana	Lo. Freeport	36	-	-	-	Drift	Non-gaseous	-	15	67	7,450	-	-
Clawson Coal Co.	Indiana	Lo. Freeport	38	-	-	-	Drift	Non-gaseous	3	-	-	100	-	-
Clawson No. 1	Indiana	Lo. Freeport	42	-	-	-	Drift	Non-gaseous	-	3	12	300	-	-
Clearfield Bituminous Coal Corp.	Indiana	Lo. Freeport	36	-	-	-	Drift	Non-gaseous	-	12	55	7,150	-	-
Pine No. 2 Dip	Indiana	Lo. Freeport	36	-	-	-	Drift	Non-gaseous	-	15	67	7,450	-	-
Harr No. 1	Indiana	Lo. Freeport	36	-	-	-	Drift	Non-gaseous	-	15	67	7,450	-	-
Cymruia Fuel Co., Inc.	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-	-
Powers No. 5 Strip	Indiana	Up. Freeport	48	-	-	-	Drift	Non-gaseous	-	1	4	500	-	-
Dalesio Coal Co.	Indiana	Up. Freeport	42	-	-	-	Drift	Non-gaseous	-	-	1	100	-	-
Dallen Coal Co.	Indiana	Lo. Kittanning	42	-	-	-	Drift	Non-gaseous	-	2	6	4,050	-	-
Dallen No. 1	Indiana	Lo. Freeport	28	-	-	-	Drift	Non-gaseous	2	-	-	400	-	-
E. & S. Coal Co.	Indiana	Up. Freeport	36	-	-	-	Drift	Non-gaseous	-	1	2	700	-	-
No. 5	Indiana	Lo. Freeport	40	-	-	-	Drift	Non-gaseous	3	-	-	100	-	-
Edwards Brothers Coal Co.	Indiana	Lo. Kittanning	60	-	-	-	-	-	-	-	-	600	-	-
Edwards No. 1	Indiana	Lo. Freeport	27	-	-	-	Drift	Non-gaseous	2	1	-	200	-	-
F. P. & K. Coal Co.	Indiana	Lo. Kittanning	30	-	-	-	Drift	Non-gaseous	3	1	-	600	-	-
Moros	Indiana	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	2	1	-	200	-	-
Fetko & Stear Coal Co.	Indiana	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	2	1	-	200	-	-
Washington No. 2	Indiana	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	2	1	-	200	-	-
Foehrenbach Coal Co., L. H.	Indiana	Lo. Kittanning	27	-	-	-	-	-	-	-	-	600	-	-
No. 3 Strip	Indiana	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	2	1	-	200	-	-
Fulmer Coal Co.	Indiana	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	3	1	-	600	-	-
Fulmer	Indiana	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	2	1	-	200	-	-
Gaston Coal Co.	Indiana	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	2	1	-	200	-	-
Botsford	Indiana	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	2	1	-	200	-	-
Glasser Coal Co.	Indiana	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	2	1	-	200	-	-
Glasser No. 5	Indiana	Lo. Freeport	30	-	-	-	Drift	Non-gaseous	2	1	-	200	-	-

Operators and Mines.		County	Geological name of coal bed	Height: Shaft of seam in feet				Kind of Opening				Number and type of lamps used				Explosives used - pounds		Other (Name)
				Length	Width	Depth	Angle of pitch	Drift	Shaft	Drift	Shaft	Drift	Shaft	Drift	Shaft	Drift	Shaft	
Glory Coal Co.		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	2	8	800	-	-	-	-	-
H. & H. Coal Co.		Indiana	Lo. Freeport	30	-	-	-	Drift	Nonaseous	-	2	4	1,000	-	-	-	-	-
Wayne No. 1		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	4	60	22,500	-	-	-	-	-
Wayne No. 2		Indiana	Lo. Kittanning	40	-	-	-	Drift	Nonaseous	-	-	2	-	-	-	-	-	-
Wayne No. 3		Indiana	Lo. Kittanning	40	-	-	-	Drift	Nonaseous	-	-	2	-	-	-	-	-	-
								Total		6	66	23,500	-	-	-	-	-	-
H. & J. Coal Co.		Indiana	Up. Kittanning	32	-	-	-	Drift	Nonaseous	-	2	14	1,600	-	-	-	-	-
H. & J. No. 1		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	12	-	-	1,050	-	-	-	-	-
Harter Coal Co.		Indiana	Lo. Kittanning	39	-	-	-	Drift	Gaseous	-	22	109	11,563	-	-	-	-	-
Imperial Coal Corp.		Indiana	Lo. Freeport	36	-	-	-	Drift	Nonaseous	-	2	5	1,200	-	-	-	-	-
Imperial-Keystone		Indiana	Lo. Kittanning	42	-	4 1/2	15 1/2	-	Nonaseous	-	2	3	300	-	-	-	-	-
James Coal Mining Co.		Indiana	Lo. Kittanning	42	-	-	-	-	Total	-	4	9	1,500	-	-	-	-	-
Glenside No. 6		Indiana	Lo. Freeport	36	-	-	-	Drift	Nonaseous	2	-	-	400	-	-	-	-	-
Glenside Slope		Indiana	Lo. Freeport	26	-	-	-	Drift	Nonaseous	-	1	4	2,350	-	-	-	-	-
Jarvis & Harwick Coal Co.		Indiana	Lo. Kittanning	42	-	-	-	Drift	Nonaseous	-	4	13	1,950	-	-	-	-	-
J. & H. Koloskee Coal Co.		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	3	-	-	-	-	-	-	-	-
Victor No. 32		Indiana	Lo. Kittanning	40	-	-	-	Drift	Nonaseous	-	-	-	6,200	-	-	-	-	-
Krollick Coal Co.		Indiana	Lo. Kittanning	40	-	-	-	Drift	Nonaseous	-	-	-	750	-	-	-	-	-
Leasure Brothers Coal Co.		Indiana	Lo. Kittanning	40	-	-	-	Drift	Nonaseous	-	-	-	250	-	-	-	-	-
Leasure Strip		Indiana	Lo. Kittanning	40	-	-	-	Drift	Nonaseous	-	-	-	-	-	-	-	-	-
Magnani Coal Co.		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	-	-	-	-	-	-	-	-
Magnani No. 2		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	-	-	-	-	-	-	-	-
Marion Center Mining Co.		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	-	-	6,200	-	-	-	-	-
Green No. 2 Strip		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	-	-	750	-	-	-	-	-
Marion Center No. 1 Strip		Indiana	Lo. Kittanning	42	-	-	-	Drift	Nonaseous	-	4	13	1,050	-	-	-	-	-
Marlets Run Coal Co.		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	-	-	150	-	-	-	-	-
Krollick No. 2		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	-	-	2,200	-	-	-	-	-
McKee Coal Co.		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	3	-	-	2,200	-	-	-	-	-
McKee No. 1		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	-	-	2,200	-	-	-	-	-
Mears Coal Co.		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	-	-	2,200	-	-	-	-	-
No. 1		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	-	-	2,200	-	-	-	-	-
No. 2 Strip		Indiana	Lo. Freeport	40	-	-	-	Drift	Nonaseous	-	-	-	2,200	-	-	-	-	-
								Total		4	-	-	4,400	-	-	-	-	-

District 25

Operators and Mines	County	Geological name of coal bed	Kind or Opening				Number and type				Explosives used - pounds
			Height of seam in feet	Shaft	Slope	Drift	Average pitch in degrees	Age	Gas	Flame	
Sinclair Coal Co.	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	-
Sinclair Strip Sipsos	Indiana	Lo. Kittanning	48	-	-	Drift	Nonnaseous	-	1	3	100
Smith Coal Co., Doyle Smith No. 1	Indiana	Lo. Freeport	30	-	-	Drift	Nonnaseous	1	-	2	400
Stewart Coal Co., J. W. Stewart	Indiana	Up. Freeport	38	-	-	Drift	Nonnaseous	-	-	4	900
Stonebraker Coal Co. Stonebraker	Indiana	Lo. Freeport	36	-	-	Drift	Nonnaseous	-	-	2	50
T. L. T. Coal Co. T. L. T. No. 1	Indiana	Lo. Kittanning	36	-	-	Drift	Nonnaseous	-	1	16	900
Two Lick Valley Coal Co. Two Lick No. 1	Indiana	Up. Freeport	84	-	-	Drift	Nonnaseous	-	2	8	150
Valley Coal Co. Valley No. 7	Indiana	Lo. Freeport	44	-	-	Drift	Nonnaseous	-	1	5	1,450
Valley No. 8	Indiana	Lo. Freeport	44	-	-	Drift	Nonnaseous	-	2	24	3,000
						Total			3	29	4,450
Watson Coal Co. No. 2	Indiana	Lo. Freeport	30	-	-	Drift	Nonnaseous	3	-	-	150
No. 3	Indiana	Lo. Freeport	30	-	-	Drift	Nonnaseous	2	-	-	100
						Total			5	-	250
						District Total			77	361	5,40,948
											15,591

NOTE: * Ammonium Nitrate was used at this mine.

District 26

Clark Coal Co., Inc., Wm. Clark	Washington	Pittsburgh	60	-	-	Drift	Nonnaseous	-	4	14	6,500
Hofrichter Coal Co. Hofrichter	Washington	Pittsburgh	54	-	-	Drift	Nonnaseous	-	2	10	300
M. & E. Co. No. 1 Strip	Washington	Pittsburgh	54	-	-	-	-	-	-	-	-

District 27

Operators and Mines	County	Geological name of coal bed	Height of seam in-ches	Kind of Opening			Number and type of lamps used			Explosives used - pounds			Other (Name)
				Shaft	Slope	Drift	Age	Non-gaseous	Drift	Non-gaseous	Electric	Black powder	
Bauman Coal Co., Russell	Clearfield	Up. Freeport	28	-	-	Drift	Non-gaseous	3	1	-	-	-	-
Bauman No. 1	Clearfield	Up. & Lo. Freeport	32	-	-	-	-	-	-	-	-	-	-
Belfast Coal Co.	Clearfield	Up. & Lo. Freeport	30	-	-	-	-	-	-	-	-	-	2,275 *
Benjamin Coal Co.	Clearfield	Up. & Lo. Kitt.	32	-	-	Drift	Non-gaseous	2	-	-	-	-	172,800 *
Benjamin Strips	Clearfield	Up. & Lo. Freeport	26	-	-	-	-	-	-	-	-	-	-
Bickford Coal Co., Edna	Clearfield	Up. & Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-
Bookwalter No. 1 Strip	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-	500 *
Bookwalter No. 1 Strip	Clearfield	Up. Freeport	34	-	-	Drift	Non-gaseous	10	2	-	-	-	-
Bowers Stripping Contractors, George	Clearfield	Up. Kittanning	30	-	-	-	-	-	-	-	-	-	-
Bowman Coal Co., W. C.	Clearfield	Up. & Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-
Bradford Coal Co.	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
Hoyt	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
Motter Mng. & Excav. Strip	Clearfield	Up. & Lo. Freeport	28	-	-	-	-	-	-	-	-	-	50,000 *
Orlando Brothers Strip	Clearfield	Up. & Lo. Freeport	28	-	-	-	-	-	-	-	-	-	89,900 *
Sinca Mining Co. Strip	Clearfield	Up. & Lo. Freeport	26	-	-	-	-	-	-	-	-	-	17,100 *
Taylor Strip	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
John Thompson Strip	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
Burnett Coal Co., Albert	Clearfield	Up. Freeport	28	-	-	Drift	Non-gaseous	12	2	-	-	-	-
Burnett E. C. & S. Coal Co.	Clearfield	Up. Freeport	28	-	-	Drift	Non-gaseous	2	-	-	-	-	-
C. & S. No. 1	Clearfield	Up. Kittanning	48	-	3,000	3	-	-	235	6,000	-	-	Airdox
Cambria Clearfield Mining Co.	Clearfield	Up. Freeport	42	-	-	Drift	Non-gaseous	-	2	4	1,310	-	-
Springfield No. 6	Clearfield	Up. Freeport	42	-	-	Drift	Non-gaseous	-	1	10	5,290	-	-
Cambria Mills Coal Co	Clearfield	Up. Freeport	42	-	-	Drift	Non-gaseous	-	3	14	6,600	-	-
Apple No. 4	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
Apple No. 5	Clearfield	Up. Freeport	30	-	-	Drift	Non-gaseous	3	-	-	-	-	-
Cannons Coal Mining Co.	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
Cannons No. 5 Strip	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
Campbell Run Coal Co.	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
Wiley No. 1	Clearfield	Up. Freeport	28	-	-	-	-	-	-	-	-	-	-
Total													165,117

District 27

Operators and Mines	County	Geological name of coal bed	Height of seam in chs	Kind of Opening				Number and type				Explosives used - pounds				Other (Name)
				Shaft	Slope	Drift	Average	Age	Gaseous	or	Flame	Permissible	Black	Dynamite		
			inches	depth	length	degrees	pitch	degrees	drift	non-gaseous	openings	safety	electric	explosives	Powder	
Carson Coal Co., M. H.	Clearfield	Mid. Kittanning	27	-	-	-	-	-	-	-	-	-	-	-	-	6,000 *
Carson No. 1 Strip	Clearfield	Up. & Lo. Freeport	27	-	-	-	-	-	-	-	-	-	-	-	-	-
Caskey Coal Co., Harold	Clearfield	Lo. Kittanning	34	-	-	-	-	-	Drift	Non-gaseous	3	-	-	250	-	-
Caskey No. 3	Clearfield	Lo. Kittanning	34	-	-	-	-	-	Drift	Non-gaseous	3	-	-	250	-	-
Central Moshannon Coal Mining Co.	Clearfield	Up. & Lo. Freeport	32	-	-	-	-	-	-	-	-	-	-	-	-	20,000 *
Moshannon No. 3 Strip	Clearfield	Up. & Lo. Freeport	32	-	-	-	-	-	-	-	-	-	-	-	-	20,000 *
Clearfield Limestone Corp.	Clearfield	Lo. & Mid. Kitt.	26	-	-	-	-	-	-	-	-	-	-	-	-	775 *
Harrier Strip	Clearfield	Lo. & Mid. Kitt.	26	-	-	-	-	-	-	-	-	-	-	-	-	775 *
Condon Coal Co., Ellnor H.	Clearfield	Mid. Kittanning	36	-	-	-	-	-	Drift	Non-gaseous	3	-	-	900	-	-
Condon No. 1	Clearfield	Mid. Kittanning	36	-	-	-	-	-	Drift	Non-gaseous	3	-	-	900	-	-
Copenhaver Coal Co., James	Clearfield	Lo. Freeport	28	-	-	-	-	-	Drift	Non-gaseous	-	6	40	1,600	-	-
Glenmar No. 1	Clearfield	Lo. Freeport	28	-	-	-	-	-	Drift	Non-gaseous	-	6	40	1,600	-	-
Creekside Coal Co.	Clearfield	Up. Freeport	30	-	-	-	-	-	Drift	Non-gaseous	2	-	-	50	-	-
Creekside No. 1	Clearfield	Up. Freeport	30	-	-	-	-	-	Drift	Non-gaseous	2	-	-	50	-	-
D. & E. Coal Co.	Clearfield	Lo. Freeport	28	-	-	-	-	-	Drift	Non-gaseous	2	-	-	50	-	-
D. & E. No. 1	Clearfield	Lo. Freeport	28	-	-	-	-	-	Drift	Non-gaseous	2	-	-	50	-	-
Dale Coal Co., Fred A.	Clearfield	Up. Freeport	26	-	-	-	-	-	Drift	Non-gaseous	3	-	-	300	-	-
Dale No. 2	Clearfield	Up. Freeport	26	-	-	-	-	-	Drift	Non-gaseous	3	-	-	300	-	-
Dale & Elensky Coal Co.	Clearfield	Lo. Freeport	28	-	-	-	-	-	Drift	Non-gaseous	8	-	-	900	-	-
Dale No. 1	Clearfield	Lo. Freeport	28	-	-	-	-	-	Drift	Non-gaseous	8	-	-	900	-	-
Diamond T. Strip Mining Corp.	Clearfield	Up. & Lo. Freeport	24	-	-	-	-	-	-	-	-	-	-	-	-	20,000 *
Lost Run No. 1 Strip	Clearfield	Up. & Lo. Freeport	24	-	-	-	-	-	-	-	-	-	-	-	-	20,000 *
Briar Knob Coal Co. Auner	Clearfield	Up. & Lo. Freeport	24	-	-	-	-	-	-	-	-	-	-	-	-	20,000
Dick Coal Co.	Clearfield	Lo. Kittanning	54	-	-	-	-	-	Drift	Non-gaseous	1	1	1	100	-	-
Dick No. 1	Clearfield	Lo. Freeport	28	-	-	-	-	-	Drift	Non-gaseous	4	1	1	500	-	-
Dick No. 2	Clearfield	Lo. Freeport	28	-	-	-	-	-	Drift	Non-gaseous	4	1	1	500	-	-
Elensky Coal Co., John	Clearfield	Lo. Freeport	25	-	-	-	-	-	Drift	Non-gaseous	13	-	-	4,000	-	-
Shannon D.	Clearfield	Lo. Freeport	25	-	-	-	-	-	Drift	Non-gaseous	13	-	-	4,000	-	-
Elliot Coal Mining Co., Inc.	Clearfield	Up. Freeport	16	-	-	-	-	-	-	-	-	-	-	-	-	-
West Coal Co. Strip	Clearfield	Up. Freeport	16	-	-	-	-	-	-	-	-	-	-	-	-	-
Fenush Coal Co., Andrew	Clearfield	Lo. Kittanning	34	-	-	-	-	-	Drift	Non-gaseous	1	-	-	600	-	-
Fenush No. 1	Clearfield	Lo. Kittanning	34	-	-	-	-	-	Drift	Non-gaseous	1	-	-	600	-	-
Fenush Coal Co., Carl	Clearfield	Brookville	24	-	-	-	-	-	-	-	-	-	-	-	-	7,200
Fenush Strip	Clearfield	Brookville	24	-	-	-	-	-	-	-	-	-	-	-	-	7,200
Finch Coal Co., Mike	Clearfield	Lo. Freeport	28	-	-	-	-	-	Drift	Non-gaseous	12	1	-	2,650	-	-
Finch No. 1	Clearfield	Lo. Freeport	28	-	-	-	-	-	Drift	Non-gaseous	12	1	-	2,650	-	-

District 27

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)			
				Shaft	Slope	Drift	Average	Pitch	Degrees	Non-gaseous	Open	Safety	Electric		Explosives	Black powder	Dynamite
Flango Brothers Coal Co.	Clearfield	Up. & Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-	1,700	-	-	
Flango No. 1 Strip																	
Freeman Coal Co., W. R.	Clearfield	Up. Freeport	22	-	-	-	-	-	-	-	-	-	-	-	-	500	
Freeman No. 1 Strip																	
Friday Coal Co., Conrad F.	Clearfield	Up. Freeport	46	-	-	Drift	Non-gaseous	2	-	-	-	-	-	700	-	-	
Friday No. 1																	
Frisko, Harry	Clearfield	Lo. Freeport	30	-	-	Drift	Non-gaseous	1	-	-	-	-	-	100	-	-	
Frisko																	
Fundack Brothers Coal Co.	Clearfield	Lo. Kittanning	40	-	-	Drift	Non-gaseous	2	-	-	-	-	-	100	-	-	
Wilkes No. 2																	
Genesi & Rafelsky Coal Co.	Clearfield	Lo. Freeport	30	-	-	Drift	Non-gaseous	2	-	-	-	-	-	150	-	-	
G. & R. No. 1																	
Gulbranson, Inc., W. O.	Clearfield	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	-	-	-	
Briar Knob Coal Co. Auger																	
Gulish Coal Co.	Clearfield	Brookville	36	-	-	Drift	Non-gaseous	2	-	-	-	-	-	300	-	-	
Gulish No. 1																	
Hamilton Coal Co., John	Clearfield	Lo. Freeport	28	-	-	Drift	Non-gaseous	1	-	-	-	-	-	40	-	-	
Hamilton No. 1																	
Hansel Coal Mining Co., S. R.	Clearfield	Up. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-	-	1,167 *	
Vulcan No. 5 Strip		Lo. Freeport															
Hill Brothers Coal Co.	Clearfield	Up. & Lo. Freeport	26	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bell No. 4 Strip																	
Hill Coal Co.	Clearfield	Lo. Freeport	30	-	-	Drift	Non-gaseous	3	-	-	-	-	-	500	-	-	
Hill No. 1																	
Hoover & Son Coal Co., I. H.	Clearfield	Lo. Freeport	30	-	-	Drift	Non-gaseous	6	1	-	-	-	-	1,100	-	-	
Hoover No. 2																	
Imperial Coal Corp.	Clearfield	Lo. Freeport	30	-	-	Drift	Non-gaseous	-	3	50	-	-	-	22,765	-	-	
Imperial Moshannon No. 1																	
Jacox Coal Co., Reed A.	Clearfield	Lo. Kittanning	34	-	-	-	-	-	-	-	-	-	-	-	-	1,000 *	
Jacox No. 1 Strip																	
Jones Coal Co., Walter	Clearfield	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jones No. 5 Strip																	
Jordon Coal Co., Robert & Edward	Clearfield	Lo. Freeport	30	-	-	Drift	Non-gaseous	2	-	-	-	-	-	500	-	-	
Williams No. 5																	
Jor-Rox Coal Co.	Clearfield	Lo. Freeport	36	-	-	Drift	Non-gaseous	15	1	-	-	-	-	6,000	-	-	
Jor-Rox No. 1																	
Keith Coal Co., Betty L.	Clearfield	Up. Freeport	52	-	-	Drift	Non-gaseous	7	-	-	-	-	-	250	-	-	
Keith No. 1																	

District 27

[illegible]

District 27

Operators and Mines	County	Geological name of coal bed	Height of seam in-ches	Kind of Opening						Number and type		Explosives used - pounds		
				Shaft	Slope	Average	Age	Gaseous	Lamps used					
				Depth <td>Length<td>Degrees<td>Drift<td>Non-gaseous<td>Open<td>Safety<td>Electric<td>Explosives<td>Dynamite<td>Other (Name)</td></td></td></td></td></td></td></td></td></td>	Length <td>Degrees<td>Drift<td>Non-gaseous<td>Open<td>Safety<td>Electric<td>Explosives<td>Dynamite<td>Other (Name)</td></td></td></td></td></td></td></td></td>	Degrees <td>Drift<td>Non-gaseous<td>Open<td>Safety<td>Electric<td>Explosives<td>Dynamite<td>Other (Name)</td></td></td></td></td></td></td></td>	Drift <td>Non-gaseous<td>Open<td>Safety<td>Electric<td>Explosives<td>Dynamite<td>Other (Name)</td></td></td></td></td></td></td>	Non-gaseous <td>Open<td>Safety<td>Electric<td>Explosives<td>Dynamite<td>Other (Name)</td></td></td></td></td></td>	Open <td>Safety<td>Electric<td>Explosives<td>Dynamite<td>Other (Name)</td></td></td></td></td>	Safety <td>Electric<td>Explosives<td>Dynamite<td>Other (Name)</td></td></td></td>	Electric <td>Explosives<td>Dynamite<td>Other (Name)</td></td></td>	Explosives <td>Dynamite<td>Other (Name)</td></td>	Dynamite <td>Other (Name)</td>	Other (Name)
Wallace Coal Co.	Clearfield	Mld. Kittanning	34	-	-	-	Drift	Non-gaseous	1	-	1	100	-	-
Wallace No. 1														
Waroquier Coal Co.	Clearfield	Up. & Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-	-
Waroquier No. 1 Strip														
Hartman Bros. Const. Strip	Clearfield	Up. & Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-	40,000 *
Hartman No. 1														
S. & S. Coal Co. Strip	Clearfield	Up. & Lo. Freeport	22	-	-	-	-	-	-	-	-	-	-	800 *
S. & S. Coal Co. No. 1														
							Total							40,800
Wheeler Coal Co., D. J.	Clearfield	Lo. Freeport	27	-	-	-	Drift	Non-gaseous	5	1	-	1,000	-	-
Wheeler No. 1														
Winters Coal Co.	Clearfield	Up. Freeport	48	-	-	-	Drift	Non-gaseous	1	-	-	60	-	-
Winters No. 1														
Woodridge Coal Co.	Clearfield	Mld. Kittanning	36	-	-	-	Drift	Non-gaseous	43	2	2	10,000	-	-
Woodridge No. 8														
Pearless Fuel Strip	Clearfield	Mld. Kittanning	25	-	-	-	-	-	-	-	-	-	-	14,437 *
Pearless No. 1														
							Total		43	2	2	10,000	-	14,437
Yorkshire Coal Co.	Clearfield	Lo. Freeport	28	-	-	-	Drift	Non-gaseous	5	1	-	650	-	-
Yorkshire No. 1														
Youdon Coal Co., Kathryn	Clearfield	Lo. Freeport	36	-	-	-	Drift	Non-gaseous	9	1	-	1,100	-	-
Youdon No. 18														
Zakutney & Grove Coal Co.	Clearfield	Up. Freeport	30	-	-	-	Drift	Non-gaseous	2	-	-	-	-	-
Zakutney No. 1														
Zelenky Coal Co., John & Joseph	Clearfield	Lo. Kittanning	36	-	-	-	Drift	Non-gaseous	2	-	-	600	-	-
Zelenky No. 1														
District Total									305	89	346	100,148	1,400	520,471

NOTE: * Ammonium Nitrate was used at this mine.

District 28

	Cambria	Mid. Kittanning	-	-	Drift	Nongaseous	3	-	100	-
A. & C. Coal Co.										
A. & C.										
Baker & Son Coal Co.										
Baker	Cambria	Up. Kittanning	30	-	-	Drift	Nongaseous	3	50	-
Beck Coal Co.										
No. 2	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	4	125	50

District 28

Operators and Mines	County	Geological name of coal bed	Height of seam in ches	Kind of Opening				Number and type				Explosives used - pounds	Other Dynamite (Name)								
				Shaft	Slope	Drift	Average	Age	Pitch	Length	Degrees			Drift	Non-gaseous	Gaseous	Flame	Safety	Electric	Permissible	Black powder
Bethlehem Mines Corp.																					
No. 31	Cambria	Lo. Kittanning	42	-	10,500	3-5	-	Gaseous	-	155	615	-	-	112,450	-	-	-	-	-	-	-
No. 72	Cambria	Lo. Kittanning	40	177	-	-	-	Gaseous	-	70	200	-	-	8,500	-	-	-	-	-	-	-
								Total		225	815			120,950							
Willow Coal Co.	Cambria	Lo. Kittanning	40	-	-	-	Drift	Non-gaseous	2	-	-	-	-	100	-	-	-	-	-	-	-
Bisch Coal Co.	Cambria	Up. Kittanning	34	-	-	-	Drift	Non-gaseous	-	-	2	-	-	41	-	-	-	-	-	-	-
Black Diamond Coal Co.	Cambria	Lo. Kittanning	40	-	-	-	Drift	Non-gaseous	3	-	-	-	-	50	-	-	-	-	-	-	-
Brookdale Coal Co.	Cambria	Up. Kittanning	36	-	2,500	7	-	Gaseous	-	2	4	-	-	350	-	-	-	-	-	-	-
Seese No. 5	Cambria	Lo. Kittanning	43	-	-	-	Drift	Non-gaseous	5	2	-	-	-	450	-	-	-	-	-	-	-
Commercial Coal Co.	Cambria	Lo. Kittanning	42	-	-	-	Drift	Gaseous	-	10	50	-	-	-	-	-	-	-	-	-	-
Commercial No. 4	Cambria	Lo. Kittanning	44	-	-	-	Drift	Non-gaseous	2	-	-	-	-	-	-	-	-	-	-	-	-
Driscoll Mining Co.	Cambria	Lo. Kittanning	42	-	-	-	Drift	Non-gaseous	4	-	-	-	-	300	-	-	-	-	-	-	-
Driscoll No. 4	Cambria	Lo. Kittanning	33	-	-	-	-	-	-	-	-	-	-	500	-	-	-	-	-	-	-
Edminston Coal Co.	Cambria	Up. Kittanning	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Edminston	Cambria	Lo. Kittanning	42	-	-	-	Drift	Non-gaseous	-	-	-	-	-	-	-	-	-	-	-	-	-
Esgro	Cambria	Lo. Kittanning	42	-	-	-	Drift	Non-gaseous	4	-	-	-	-	500	-	-	-	-	-	-	-
Hiysota Fuel Co., Inc.	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hiysota No. 2 Strip	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hiysota Auger	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
								Total						500							
Jackson Coal Co.	Cambria	Lo. Kittanning	42	-	-	-	Drift	Non-gaseous	-	-	-	-	-	134	-	-	-	-	-	-	-
Jackson	Cambria	Lo. Kittanning	42	-	-	-	Drift	Non-gaseous	-	-	4	-	-	17	-	-	-	-	-	-	-
Goat Hill No. 1 South								Total						4							
Jackson Hill Coal Co.	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jackson No. 17 Strip	Cambria	Lo. Kittanning	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jones Coal Co., P. L.	Cambria	Lo. Kittanning	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jones No. 1 Strip	Cambria	Lo. Kittanning	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kozak Coal Co.	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jackson No. 20	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lanzendorf Trucking Co.	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hager Hollow No. 3	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lytle Coal Co.	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

District 29

Operators and Mines	County	Name of coal bed	Geological section	Height of shaft in feet	Kind of Opening			Number and type of lamps used			Explosives used - pounds			Other (Name)
					Shaft	Slope	Drift	Gasous	Flame	Permissible	Black powder	Dynamite		
May Coal Co.	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	2	-	-	250	-	-	
Mechan Coal Co.	Cambria	Lo. Kittanning	44	-	-	Drift	Nongaseous	3	-	-	50	-	-	
Olda Coal Co.	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	3	-	-	50	-	-	
Odda No. 1	Cambria	Lo. Kittanning	46	-	-	Drift	Nongaseous	3	-	-	50	-	-	
Park Hill Coal Co.	Cambria	Lo. Kittanning	20	-	-	Drift	Nongaseous	2	-	-	100	-	-	
Park Hill No. 2	Cambria	Lo. Kittanning	30	-	-	Drift	Nongaseous	3	-	-	200	-	-	
Petree Coal Co.	Cambria	Lo. Kittanning	30	-	-	Drift	Nongaseous	2	-	-	60	-	-	
Petrowski Coal Co.	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	1	-	-	100	-	-	
Petrovski	Cambria	Lo. Kittanning	44	-	-	Drift	Nongaseous	3	-	-	100	-	-	
Ressler Coal Co.	Cambria	Lo. Kittanning	32	-	-	Drift	Nongaseous	-	3	20	350	-	-	
Ressler No. 1	Cambria	Lo. Kittanning	29	-	-	Drift	Nongaseous	2	-	-	100	-	-	
Rummel Coal Co.	Cambria	Lo. Kittanning	38	-	-	Drift	Nongaseous	5	1	-	500	-	-	
Silfko Coal Co.	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	2	-	-	-	-	-	
Slifko	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	2	1	-	75	-	-	
Standard Collieries, Inc.	Cambria	Lo. Kittanning	32	-	-	Drift	Nongaseous	2	-	-	45	-	-	
Dibert No. 2	Cambria	Lo. Kittanning	34	-	-	Drift	Nongaseous	2	-	-	50	-	-	
Stock Coal Co.	Cambria	Lo. Kittanning	34	-	-	Drift	Nongaseous	4	-	-	300	-	-	
Stock	Cambria	Lo. Kittanning	29	-	-	Drift	Nongaseous	6	-	-	350	-	-	
Tanneryville Coal Co.	Cambria	Lo. Kittanning	38	-	-	Drift	Nongaseous	2	-	-	-	-	-	
Tanneryville No. 1	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	2	-	-	-	-	-	
Ugoletti Coal Co.	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	2	-	-	-	-	-	
Ugoletti	Cambria	Lo. Kittanning	42	-	-	Drift	Nongaseous	2	1	-	75	-	-	
Watson Coal Co.	Cambria	Lo. Kittanning	32	-	-	Drift	Nongaseous	2	-	-	45	-	-	
Watson	Cambria	Lo. Kittanning	34	-	-	Drift	Nongaseous	2	-	-	50	-	-	
West End Coal Co.	Cambria	Lo. Kittanning	34	-	-	Drift	Nongaseous	4	-	-	300	-	-	
West End No. 1	Cambria	Lo. Kittanning	34	-	-	Drift	Nongaseous	6	-	-	350	-	-	
West End No. 3	Cambria	Lo. Kittanning	34	-	-	Drift	Nongaseous	6	-	-	350	-	-	
West End No. 5	Cambria	Lo. Kittanning	34	-	-	Drift	Nongaseous	6	-	-	350	-	-	

District 29

Operators and Mines	County	Geological name of coal bed	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)	
			Height of seam in ches	Shaft: Slope	Drift: Aver-	Pitch:	Gaseous or	Flame:	Permissible	Black				
Allegheny-Pittsburgh Coal Co.														
Springdale	Allegheny Westmoreland	Thick Freeport Up. Freeport	84	540	18°26'	-	Gaseous	-	86	367	154,650	-	-	
			302 349 170 120											
Hall, Inc., J. M. & J. M., Jr.	Allegheny	Pittsburgh	72	-	-	-	-	-	-	-	-	-	-	
Harnar Coal Co.	Allegheny	Thick Freeport	84	635	15	-	Gaseous	-	91	315	83,300	-	-	
Oakmont	Allegheny	Pittsburgh	72	30	-	-	Drift Non-gaseous	2	2	-	100	-	-	
Harris Coal Co., J. Richard	Allegheny	Thick Freeport	96	512	-	-	Gaseous	-	94	319	61,900	-	-	
Davidson	Allegheny	Thick Freeport	96	299	-	-	Gaseous	-	102	232	6,150	-	-	
National Mines Corp.	Allegheny	Thick&Single Free.	62	226	350	13°53'	Gaseous	-	35	305	-	-	-	
Renton	Allegheny	Thick Freeport	96	512	-	-	Gaseous	-	94	319	61,900	-	-	
Republic Steel Corp.	Allegheny	Thick Freeport	96	299	-	-	Gaseous	-	102	232	6,150	-	-	
Newfield	Allegheny	Thick&Single Free.	62	226	350	13°53'	Gaseous	-	35	305	-	-	-	
Russellton	Allegheny	Thick Freeport	72	-	-	-	Drift Non-gaseous	2	2	-	700	-	-	
Sakora Corp.	Allegheny	Thick Freeport	72	-	-	-	Drift Non-gaseous	2	2	-	700	-	-	
Deer No. 2	Allegheny	Pittsburgh	68	-	-	-	Drift Non-gaseous	2	2	-	700	-	-	
Simpson Coal Co., Walter	Allegheny	Pittsburgh	66	-	-	-	Drift Non-gaseous	2	2	-	700	-	-	
Marian	Allegheny	Pittsburgh	66	-	-	-	Drift Non-gaseous	2	2	-	700	-	-	
Venter Coal Co., William	Allegheny	Pittsburgh	66	-	-	-	Drift Non-gaseous	2	2	-	700	-	-	
Venter	Allegheny	Pittsburgh	66	-	-	-	Drift Non-gaseous	2	2	-	700	-	-	
District Total			6	419	1,578	346,950	100	-	-	-	-	-	-	

District 30

Grichton Coal & Coke Co.													
Virginia No. 20	Indiana	Lo. Kittanning	42	-	-	-	Drift Nongaseous	-	15	70	-	-	-
Davison, I. H.	Indiana	Pittsburgh	72	-	-	-	Drift Nongaseous	-	-	6	400	-	-
Clarksburg No. 3	Indiana	Up. & Lo. Freeport	38	-	-	-	-	-	-	-	-	-	-
Duncan & Simpson Coal Co.	Indiana	Up. Freeport	38	-	-	-	-	-	-	-	-	-	-
No. 6 Strip	Indiana	Up. Freeport	38	-	-	-	-	-	-	-	-	-	-
Friel Coal Mining Co., Inc.	Indiana	Up. Freeport	38	-	-	-	Drift Nongaseous	-	6	35	400	-	-
Friel No. 6	Indiana	Up. Freeport	38	-	-	-	Drift Nongaseous	-	6	35	400	-	-

District 30

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)
				Shaft	Slope	Drift	Average	lamps used	lamps used	lamps used	lamps used	Dynamite	Black powder	
Imperial Coal Corp.	Indiana	Lo. Kittanning	42	-	-	Drift	Gaseous	-	18	115	9,236	-	-	-
Diamond No. 2	Indiana	Lo. Kittanning	40	-	-	Drift	Nongaseous	-	1	3	50	-	-	-
Jenny Coal Co.	Indiana	Up. Freeport	42	-	-	Drift	Gaseous	-	-	-	-	-	-	-
Kiski Coal Co.	Indiana	Up. Freeport	42	-	-	Drift	Gaseous	-	12	58	100	-	-	-
Watson No. 1	Indiana	Lo. Freeport	36	-	-	-	-	-	-	-	90,000	-	-	-
Krolick Coal Co.	Indiana	Lo. Freeport	42	-	-	Drift	Nongaseous	2	-	-	150	-	-	-
Watson No. 1	Indiana	Up. Freeport	72	-	-	Drift	Nongaseous	-	2	9	500	-	-	-
Lauer & Sons, C. E.	Indiana	Up. Freeport	36	-	-	Drift	Nongaseous	2	-	-	50	50	-	-
Dutch No. 1 Strip	Indiana	Pittsburgh	72	-	-	Drift	Nongaseous	2	-	-	55	-	-	-
Lawhead Coal Co.	Indiana	Pittsburgh	72	-	-	Drift	Nongaseous	4	-	-	600	-	-	-
Lydick Coal Co.	Indiana	Lo. Kittanning	48	-	-	Drift	Nongaseous	6	1	-	250	-	-	-
Graceton Six Flat	Indiana	Lo. Kittanning	44	208	990	12	-	Gaseous	-	20	60	6,796	-	-
Lynch, Thomas E.	Indiana	Pittsburgh	72	-	-	Drift	Nongaseous	-	1	6	780	-	-	-
Heeney	Indiana	Lo. Freeport	40	-	-	Drift	Gaseous	-	18	42	1,350	-	-	Airdox
McClintey, Lewis	Indiana	Pittsburgh	72	-	-	Drift	Nongaseous	-	-	4	350	-	-	-
Craig	Indiana	Up. Freeport	42	-	-	Drift	Nongaseous	-	2	24	250	-	-	-
McCracken, Daniel	Indiana	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-
McCracken No. 1	Indiana	Up. Freeport	42	-	-	Drift	Gaseous	-	-	-	-	-	-	10,300 *
Metalla Coal Co.	Indiana	Up. Freeport	45	-	-	Drift	Gaseous	-	16	60	11,400	-	-	-
Hutzel	Indiana	Lo. Kittanning	48	-	-	Drift	Nongaseous	6	1	-	250	-	-	-
North American Coal Corp.	Indiana	Lo. Kittanning	44	208	990	12	-	Gaseous	-	20	60	6,796	-	-
Conemaugh	Indiana	Pittsburgh	72	-	-	Drift	Nongaseous	-	1	6	780	-	-	-
Pauline Coal Co.	Indiana	Lo. Freeport	40	-	-	Drift	Gaseous	-	18	42	1,350	-	-	Airdox
Pennsylvania Coal & Coke, Div. of Fairbanks Whitney Corp.	Indiana	Pittsburgh	72	-	-	Drift	Nongaseous	-	-	4	350	-	-	-
Heshbon No. 62	Indiana	Up. Freeport	42	-	-	Drift	Nongaseous	-	2	24	250	-	-	-
Pohuski, Charles	Indiana	Pittsburgh	84	-	-	-	-	-	-	-	-	-	-	-
West Lebanon	Indiana	Up. Freeport	42	-	-	Drift	Gaseous	-	-	-	-	-	-	-
Richards Run Coal Co., Inc.	Indiana	Up. Freeport	42	-	-	Drift	Nongaseous	-	16	60	11,400	-	-	-
Richards Run	Indiana	Up. Freeport	42	-	-	Drift	Nongaseous	-	16	60	11,400	-	-	-
Rochester & Pittsburgh Coal Co.	Indiana	Up. Freeport	42	-	-	Drift	Nongaseous	-	16	60	11,400	-	-	-
Iselin Strip	Indiana	Up. Freeport	42	-	-	Drift	Nongaseous	-	16	60	11,400	-	-	-
Kent No. 3 Strip	Indiana	Up. Freeport	42	-	-	Drift	Nongaseous	-	16	60	11,400	-	-	-
Kent No. 8	Indiana	Up. Freeport	42	-	-	Drift	Nongaseous	-	16	60	11,400	-	-	-

District 30

Operators and Mines	County	Geological name of coal bed	Kind of Opening				Number and type				Explosives used - pounds		Other (Name)	
			Height of seam in feet	Shaft	Slope	Drift	Lamps used	Gaseous or	Flame	Permissible Black	Dynamite			
												of		: Average
Rodchester & Pittsburgh Coal Co. (Continued)														
Kent No. 10	Indiana	Up. Freeport	45	-	-	Drift	Gaseous	-	32	122	14,200	-	-	-
Kent No. 11	Indiana	Up. Freeport	45	-	-	Drift	Nongaseous	-	13	60	10,950	-	-	-
McIntyre Gen. & Clg. Plant	Indiana	-	-	-	-	-	-	-	-	35	-	-	-	-
			Total			-	61	277	-	36,450	-	10,300		
Sinclair Coal Co.														
No. 1 Strip	Indiana	Up. Freeport	66	-	-	-	-	-	-	-	-	-	16,950	-
Straw Coal Co.	Indiana	Pittsburgh	60	-	-	Drift	Nongaseous	4	-	-	300	-	-	-
Sutula Coal Co.	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	-	-	350	*
William No. 2 Strip	Indiana	Up. Freeport	40	-	-	Drift	Nongaseous	-	2	13	3,000	-	-	-
Thompson Coal Co.	Indiana	Pittsburgh	72	-	-	Drift	Nongaseous	-	-	3	80	-	-	-
Thompson No. 3	Indiana	Up. Freeport	55	-	-	Drift	Nongaseous	4	-	-	100	-	-	-
Toman	Indiana	Pittsburgh	66	-	-	Drift	Nongaseous	-	2	12	-	-	-	-
Tundu Mining Corp.	Indiana	Up. Freeport	42	-	-	Drift	Nongaseous	-	2	26	-	-	-	-
Penn View	Indiana	Pittsburgh	72	-	-	-	-	-	-	-	-	-	300	*
United States Bureau of Mines														
Experimental Mine	Indiana	Pittsburgh	-	-	-	Drift	Nongaseous	-	-	-	-	-	-	-
White Ash Coal Co.	Indiana	Up. Freeport	-	-	-	Drift	Nongaseous	-	-	-	-	-	-	-
Miller No. 2	Indiana	Pittsburgh	-	-	-	Drift	Nongaseous	-	-	-	-	-	-	-
Wolcott, Clyde D. & Dale M.	Indiana	Pittsburgh	-	-	-	-	-	-	-	-	-	-	-	-
Wolcott No. 1 Strip	Indiana	Pittsburgh	-	-	-	-	-	-	-	-	-	-	-	-
District Total			24	163	763	-	-	-	-	-	150,647	650	27,900	-

NOTE: *Ammonium Nitrate was used at this mine.

District 31

Bailey, Robert	Clearfield	Lo. & Mid. Kitt.	28	-	-	-	-	-	-	-	-	-	-	5,000 *
Bailey No. 2 Strip	Clearfield	Up. & Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	2,275 *
Belfast Coal Co.	Elk	Lo. Kittanning	42	-	-	-	-	Drift	Non-gaseous	5	1	-	850	-

Operators and Mines	County	Geological name of coal bed	Height of seam in inches	Kind of Opening				Number and type of lamps used				Explosives used - pounds		
				Shaft	Slope	Average	Drift	Caseous	Flame	Permissible	Black	Dynamite	Other (Name)	
Rio Run Coal Co. No. 1 B. Antes Strip Blue Valley Coal Co. Blue Valley No. 2 Bonfordine & Santo Coal Co. B. & S.	Clearfield	Mid. Kittanning Lo. Freeport	30	-	-	-	-	-	-	-	-	-	20,000	-
	Elk	Lo. Kittanning	34	-	-	-	Drift	Nonnaseous	2	54	10,304	-	-	-
	Elk	Lo. Kittanning	43	-	-	-	Drift	Nonnaseous	2	1	4,500	-	-	-
	Clearfield	Up. & Lo. Freeport	42	-	-	-	-	-	-	-	-	80,000	-	*
	Clearfield	Up. Freeport	42	-	-	-	Drift	Nonnaseous	14	2	11,250	-	-	-
Bradford Coal Co.							Total		14	2	91,250	-	-	-
							Total		-	-	-	-	-	-
Edmunds Contract Strip Skiles Excavating Strip	Clearfield	Up. & Lo. Kitt.	28	-	-	-	-	-	-	-	-	-	-	-
	Clearfield	Up. & Lo. Kitt.	28	-	-	-	-	-	-	-	-	-	-	-
	Clearfield	Lo. Kittanning	29	-	-	-	-	-	-	-	200	-	-	-
	Elk	Lo. Kittanning	30	-	-	-	Drift	Nonnaseous	5	1	300	-	-	-
	Clearfield	Up. Mid. & Lo. Kittanning	32	-	-	-	-	-	-	-	-	32,200	*	-
Carlisle & Teston Coal Co. C. & T.	Clearfield	Up. Mid. & Lo. Kittanning	26	-	-	-	-	-	-	-	-	-	60,000	*
	Elk	Lo. Kittanning	32	-	-	-	Drift	Nonnaseous	2	1	100	-	-	-
	Clearfield	Lo. & Mid. Kitt.	30	-	-	-	-	-	-	-	-	-	-	-
	Elk	Clarion	38	-	-	-	Drift	Nonnaseous	4	1	650	-	-	-
	Clearfield	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-	800	*
DeLullo Coal Co., Ralph DeLullo DePaoli, Joseph & Andrea Proctor No. 33 Dunlap Coal Co., Russell Dunlap No. 1 Elbon Coal Co.	Elk	Lo. Kittanning	33	-	-	-	Drift	Nonnaseous	3	1	2,000	-	-	-
	Elk	Lo. Kittanning	32	-	-	-	Drift	Nonnaseous	-	1	2	400	-	-
	Clearfield	Mid. Kittanning	36	-	-	-	Drift	Nonnaseous	2	-	-	403	-	-
	Elk	Up. Kittanning	30	-	-	-	Drift	Nonnaseous	-	2	7	400	-	-
	Elk	Brandy Camp No. 5												

District 31

Operators and Mines	County	Geological name of coal bed	Kind of Opening				Number and type				Explosives used - pounds	Other (Name)
			Height of seam in ches	Shaft: Slope	Drift: Ave-	Drift: age	Drift: pitch	Drift: or	Drift: Gaseous	Drift: Flame	Drift: Permissible Black powder	
Fye & Seprish Coal Co.	Clearfield	Up. Kittanning	30	-	-	-	Drift	Non-gaseous	2	-	400	-
Gallagher Coal Co.	Elk	Lo. Kittanning	38	-	-	-	Drift	Non-gaseous	3	2	441	-
Gregori Brothers Coal Co.	Elk	Lo. Kittanning	30	-	-	-	Drift	Non-gaseous	2	-	550	-
Gregori No. 1	Elk	Lo. Kittanning	44	-	-	-	Drift	Non-gaseous	2	-	2,400	-
Gustafson Coal Co., Dalton	Elk	Lo. Kittanning	72	-	-	-	Drift	Non-gaseous	-	2	6,000	-
Gustafson No. 1	Elk	Mid. Kittanning	36	-	-	-	Drift	Non-gaseous	11	2	3,990	-
Hand Coal Co.	Clearfield	Lo. Freeport	28	-	-	-	Drift	Non-gaseous	3	-	650	-
Caledonia No. 13	Clearfield	Up. & Lo. Freeport	30	-	-	-	-	-	-	-	30,000	4,000
Hanslovan Coal Co.	Clearfield	Mid. & Up. Kitt.	28	-	-	-	-	-	-	-	14,300	*
Hanslovan No. 2	Clearfield	Up. Freeport	42	-	-	-	Drift	Non-gaseous	2	-	1,200	-
Harper No. 5	McKean	Brookville	24	-	-	-	-	-	-	-	2,000	-
Hepburnia Coal Co.	Clearfield	Up. Freeport	36	-	-	-	Drift	Non-gaseous	4	2	400	-
Spencer No. 2 Strip	Clearfield	Lo. Kittanning	37	-	-	-	Drift	Non-gaseous	10	2	1,450	-
Hoffman Coal Co., James	Clearfield	Lo. Kittanning	36	-	-	-	Drift	Non-gaseous	6	2	2,180	-
Hoffman No. 1 Strip	Clearfield	Mid. Kittanning	32	-	-	-	Drift	Non-gaseous	14	2	3,100	-
Hoover & Couteret Coal Co.	Clearfield	Lo. Kittanning	30	-	-	-	Drift	Non-gaseous	-	2	1,600	-
Bucket-A-Day	Clearfield	Up. Mid-Lo. Kitt.	31	-	-	-	-	-	-	-	15,659	*
Kaul Clay Products Corp.	McKean	Brookville	24	-	-	-	-	-	-	-	2,000	-
Clemont Strip	Clearfield	Up. Freeport	36	-	-	-	Drift	Non-gaseous	4	2	400	-
Kowaluk Brothers Coal Co.	Clearfield	Lo. Kittanning	37	-	-	-	Drift	Non-gaseous	10	2	1,450	-
Andy No. 1	Clearfield	Lo. Kittanning	36	-	-	-	Drift	Non-gaseous	6	2	2,180	-
Krollick Coal Co., John	Clearfield	Lo. Kittanning	32	-	-	-	Drift	Non-gaseous	14	2	3,100	-
Krollick No. 4	Clearfield	Lo. Kittanning	30	-	-	-	Drift	Non-gaseous	-	2	1,600	-
Lingle Coal Co.	Clearfield	Up. Mid-Lo. Kitt.	31	-	-	-	-	-	-	-	15,659	*
Lingle No. 3	Clearfield	Up. & Lo. Kitt.	20	-	-	-	-	-	-	-	6,980	-
Lingle No. 9	Clearfield	Up. Kittanning	30	-	-	-	Drift	Non-gaseous	4	1	28,000	-
Lingle No. 10	Clearfield	Mid. & Lo. Kitt.	28	-	-	-	-	-	-	-	800	*
Lingle Strip	Clearfield	Up. & Lo. Kitt.	20	-	-	-	-	-	-	-	28,000	-
Maney Coal Co., Homer	Clearfield	Up. & Lo. Kitt.	20	-	-	-	-	-	-	-	28,000	-
Maney No. 7-8 Strip	Clearfield	Up. Kittanning	30	-	-	-	Drift	Non-gaseous	4	1	-	-
Martell Mining Co.	Clearfield	Up. Kittanning	30	-	-	-	-	-	-	-	-	-
Martell No. 2	Clearfield	Up. Kittanning	30	-	-	-	-	-	-	-	-	-
McIntosh Coal Co.	Clearfield	Up. Kittanning	30	-	-	-	-	-	-	-	-	-
McIntosh Strip	Clearfield	Up. Kittanning	30	-	-	-	-	-	-	-	-	-

District 31

Operators and Mines	County	Name of coal bed	Geological name	Height of seam in feet	Kind of Opening			Number and type			Explosives used - pounds	Other (Name)
					Shaft:	Slope:	Drift:	lamps:	used:			
					Age:	pitch:	degrees:	Gaseous:	or:	Flame:	Permissible Black powder	
					length:	degrees:	drift:	non-gaseous:	open safety:	electric:	explosives:	
Meyers Coal Co., Alfred Meyers No. 1	Elk	Up. Kittanning	34	-	-	-	Drift	Non-gaseous	1	-	100	-
Miller Coal Co., John Limestone Strip	Elk	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-
Moose Run Coal Co. Proctor No. 3	Elk	Lo. Kittanning	36	-	-	-	Drift	Non-gaseous	-	2	15	3,600
Proctor No. 4	Elk	Lo. Kittanning	34	-	-	-	Drift	Non-gaseous	-	2	15	3,250
								Total	-	4	30	6,850
Shannon Falls Mining Co., Inc. Coal Ridge Mng. Strip	Clearfield	Mid. Kittanning	26	-	-	-	-	-	-	-	-	7,002 *
Mt. Carmel No. 2	Clearfield	Lo. Kittanning	32	-	-	-	Drift	Non-gaseous	45	2	-	1,800
								Total	45	2	-	8,802
New Shawmut Mining Co. Elk Salvage No. 1 Strip	Clearfield	Lo. Kittanning	33	-	-	-	-	-	-	-	-	1,500
Mixel, Rhodes, Hetta & McIntyre Strips	Elk	Lo. Kittanning	33	-	-	-	-	-	-	-	-	-
								Total	-	-	-	1,500
Owens Coal Co., S. F. Owens No. 2	Clearfield	Up. Kittanning	44	-	-	-	Drift	Non-gaseous	4	-	1,250	-
P. & K. Coal Co. P. & K. Strip	McKean	Brookville	18	-	-	-	-	-	-	-	-	-
P. & N. Coal Co., Inc. Clarion, Lo. & Medix Run Strip	Elk	Lo. Kittanning	32	-	-	-	-	-	-	-	-	7,516 *
Bennetts Auger	Elk	Mid. Kittanning	32	-	-	-	-	-	-	-	-	-
								Total	-	-	-	7,516
Parziale Coal Co., Carmen Parziale No. 1	Elk	Lo. Kittanning	28	-	-	-	Drift	Non-gaseous	2	-	1,200	-
Passmore Coal Co., Fred Passmore No. 1	Clearfield	Lo. Kittanning	28	-	-	-	Drift	Non-gaseous	2	-	100	-
Penn State Coal Co. Luthersburg Strip	Clearfield	Lo. & Mid. Kitt.	30	-	-	-	-	-	-	-	-	34,560 *
Penoyer & Co., D. C. Penoyer No. 1 Strip	Clearfield	Up. & Lo. Kitt.	36	-	-	-	-	-	-	-	-	3,900 *
Penoyer No. 3	Clearfield	Lo. Kittanning	38	-	-	-	Drift	Non-gaseous	-	2	18	10,300
								Total	-	2	18	3,300
R. & U. Coal Co. R. & U.	Clearfield	Up. Kittanning	33	-	-	-	Drift	Non-gaseous	2	-	700	-

District 31[illegible]

NOTE: * Ammonium Nitrate was used at this mine.

District 32

Alumbaugh Coal Co.					
Somerset	Lo. Kittanning	28	-	-	-
Coleman Strip	Lo. Kittanning	32	-	-	-
Hittie Strip	Lo. Kittanning	24	-	-	-
Knepper Strip	Brushcreek	30	-	-	9,900
Red Hot Strip	Lo. Kittanning	Total	-	-	29,200
			-	-	29,200
Arnold, Harvey	Pittsburgh	36	-	-	50
Kretzman			-	-	
Arnold, Owen			-	-	
Arnold No. 2	Lo. Freeport	32	-	-	75
Miller	Lo. Freeport	30	-	-	200
		Total	-	-	275
Baer, Walter	Redstone	48	-	-	50
Sipple			-	-	

District 32

Operators and Mines	County	Geological name of coal bed	Height of seam in-	Kind of Opening				Number and type				Explosives used - pounds	Other (Name)
				Shaft:	Slope	Drift:	Aver-	Caseous	lamps used	or	Flame		
				ch-	length:	degrees:	pitch:	non-gaseous:	open:	safety:	electric:	explosives	Dynamite
Beachley, Dalton J.	Somerset	Up. Freeport	42	-	-	-	Drift	Nongaseous	4	-	-	500	-
Beachley No. 2	Somerset	Pittsburgh	108	-	-	-	-	-	-	-	-	-	-
Beachy & Beachy	Somerset	Up. Kittanning	28	-	-	-	Drift	Nongaseous	10	1	-	2,400	-
Beam Coal Co., H. J.	Somerset	Lo. Kittanning	20	-	-	-	-	-	-	-	-	-	-
Beam No. 3	Somerset	Up. Freeport	30	-	150	10	-	Nongaseous	2	-	-	-	2,000
Beener & Cramer Coal Co.	Somerset	Pittsburgh	36	-	150	12	-	Nongaseous	3	-	-	2,000	-
Bando Strip	Somerset	Pittsburgh	36	-	150	15	-	Nongaseous	3	-	-	2,000	-
Bittner, Edward	Somerset							Total	6	-	-	4,000	-
Bittner, Francis	Somerset	Pittsburgh	108	-	-	-	Drift	Nongaseous	-	-	-	-	-
No. 2	Somerset	Pittsburgh	108	-	-	-	Drift	Nongaseous	1	-	-	100	-
No. 3	Somerset	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-
Bodes Brothers	Somerset	Lo. Freeport	42	-	-	-	Drift	Nongaseous	9	1	-	2,500	-
Bodes	Somerset	Brushcreek	24	-	-	-	-	-	-	-	-	-	-
Bowman, M. P.	Somerset	Brushcreek	24	-	-	-	-	-	-	-	-	-	-
Bowman	Somerset							Total	-	-	-	1,200	-
Bowman Construction Co.	Somerset	Lo. Kittanning	42	-	300	15	-	Nongaseous	3	-	-	550	-
Sipple Strip	Somerset	Sewickley	42	-	-	-	-	-	-	-	-	-	-
Boynton Coal Co.	Somerset	Pittsburgh	40	-	-	-	-	-	-	-	-	-	-
Richard H.	Somerset	Sewickley	46	-	-	-	-	-	-	-	-	-	-
Brant, Franklin	Somerset	Pittsburgh	40	-	-	-	-	-	-	-	-	-	-
Landis Strip	Somerset	Lo. Freeport	36	-	-	-	-	-	-	-	-	-	-
Foor Strip	Somerset	Lo. Freeport	20	-	-	-	-	-	-	-	-	-	-
Carver Brothers Coal Co.	Somerset	Brushcreek	40	-	-	-	-	-	-	-	-	-	-
Carver	Somerset	Brushcreek	24	-	-	-	-	-	-	-	-	-	-
Croner, Inc.	Somerset	Pittsburgh	43	-	-	-	-	-	-	-	-	-	-
Benford & Croner Strips	Somerset							Total	-	-	-	4,900	-
Foust & Keefer Strips	Somerset	Pittsburgh						Nongaseous	-	-	-	4,800	-
Hartman Strip	Somerset	Sewickley						-	-	-	-	-	-
Knepper & Smith Strips	Somerset	Pittsburgh						-	-	-	-	-	-
Langley Strip	Somerset	Lo. Freeport						-	-	-	-	-	-
Nightingale Strip	Somerset	Brushcreek						-	-	-	-	-	-
Shrock Strip	Somerset	Brushcreek						-	-	-	-	-	-
Ream Strip	Somerset	Sewickley						-	-	-	-	-	-
Will Strip	Somerset	Pittsburgh						-	-	-	-	-	-
								Total	-	-	-	-	-

District 32

Operators and Mines	County	Geological name of coal bed	Height of seam in feet	Kind of Opening			Number and type			Explosives used - pounds			Other (Name)
				Shaft	Slope	Drift	Average	Age	Gasous	Flame	Permissible	Black powder	
				depth	length	degrees	pitch	or	non-gaseous	open safety	electric	explosives	Dynamite
Weimer, William D.													
Weimer	Somerset	Brookville	28	-	-	-	-	-	Drift Non-gaseous	3	-	-	-
Sanner	Somerset	Up. Freeport	48	-	-	-	-	-	Drift Non-gaseous	3	-	200	-
									Total	6	-	200	-
Witt Coal Co.													
Witt	Somerset	Redstone	40	-	-	-	-	-	Drift Non-gaseous	2	-	-	-
Woods, Fred													
Woods	Somerset	Up. Freeport	32	-	-	-	-	-	Drift Non-gaseous	2	-	-	-
Woods Smokeless Coal Co., Wm.													
Wm. Woods	Somerset	Pittsburgh	72	-	-	-	-	-	Drift Non-gaseous	1	-	-	-
Yantus & Zubeck													
No. 1 Strip	Somerset	Brushcreek	18	-	-	-	-	-	-	-	-	200	-
Younkin, Morris													
Younkin	Somerset	Up. Freeport	30	-	-	-	-	-	Drift Non-gaseous	1	-	-	-
Zook, Andy													
Zook	Somerset	Mid. Kittanning	34	-	-	-	-	-	Drift Non-gaseous	2	-	-	-
									District Total	252	17	65	88,390 19,860 95,050

NOTE: * Ammonium Nitrate was used at this mine.

REPORT OF
OIL AND GAS
DIVISION

REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE # 1
SUMMARY OF ACTIVITIES

	1956	1957	1958	1959	1960
Drilling Permits Issued	208	334	320	313	296
Reported Wells Non-Coal Areas	642*	678*	744*	495*	643*
Drilling Canceled - Permits and Non-Coal Area Wells	-	1	21	29	281
Wells Reported Drilled	375	819	888	799	949
Plugging Numbers Issued	95	171	176	226	245
Plugging Numbers Canceled	-	2	5	19	9
Wells Reported Plugged and Abandoned	70	130	110	181	237
Pillar Permits Issued	259	195	111	79	105

TABLE # 2
SUMMARY BY COUNTIES
JANUARY - DECEMBER 1960

County	Drilling Permits Issued	Reported Wells Non-Coal Areas	Total	Drilling Canceled	Wells Reported Drilled	Plugging Numbers Issued	Plugging Canceled	Wells Reported Plugged & Abandoned	Pillar Permits Issued
Allegheny	9	-	9	-	2	12	-	12	32
Armstrong	64	9	73	1	77	13	2	11	12
Beaver	-	-	-	-	1	2	2	-	-
Bedford	-	2	2	-	2	1	-	1	-
Butler	-	8	8	-	8	13	-	7	-
Cambria	1	-	1	-	1	1	-	1	-
Clarion	10	17	27	4	32	9	-	12	-
Clearfield	62	3	65	12	69	24	-	28	-
Clinton	2	-	2	-	-	-	-	-	-
Crawford	-	2	2	-	2	2	-	2	-
Elk	4	2	6	1	8	10	-	11	-
Erie	-	11	11	-	11	2	-	2	-
Fayette	6	1	7	-	8	8	-	8	-
Forest	-	3	3	1	22	-	-	-	-
Groene	10	-	10	-	7	50	3	48	31
Indiana	34	-	34	3	21	13	-	9	5
Jefferson	21	9	30	4	39	19	-	21	1
McKean	-	524	524	198	512	7	-	7	-
Mercer	1	7	8	1	7	-	-	-	-
Potter	-	3	3	53	3	1	-	1	-
Somerset	5	2	7	-	6	5	-	2	-
Tioga	-	4	4	-	4	2	-	2	-
Venango	-	12	12	-	11	2	-	2	-
Warren	-	15	15	-	16	1	-	2	-
Washington	12	4	16	1	21	26	2	27	20
Westmoreland	55	5	60	2	59	22	-	21	4
TOTAL	296	643*	939	281	949	245	9	237	105

(*) Permits are not required for wells drilled in non-coal areas.

TABLE # 3
SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED
JANUARY - DECEMBER 1960

Company	Allegheny	Armstrong	Cambria	Clarion	Clearfield	Clinton	Elk	Fayette	Greene	Indiana	Jefferson	Mercer	Somerset	Washington	Westmoreland	Total
Grace Oil and Gas Company	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Hanley and Bird	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2
Hart, Charles A.	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Heeter, George J. and Carl M.	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Hilty, C. D., Drilling Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Humphrey Industries, Inc.	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	5
Humphrey-Stone-McColl Corporation	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3
J & J Enterprises	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Jack, S. W., Drilling Company	-	-	-	-	6	-	-	-	-	-	2	-	-	1	-	8
James Drilling Corporation	-	1	-	-	5	-	-	-	-	1	-	-	-	3	-	9
Johnson, J. C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Ken Oil and Gas Company, Inc.	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
Kewanee Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Kubina, Mike	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Kutch, Vincent	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Manufacturers Light & Heat Company, The	-	-	-	-	-	1	-	3	-	-	-	-	-	1	-	6
Metro, John	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Mid-Atlantic Oil & Gas Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	4
Minter, Lee E.	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	9
Myers, Gilbert K.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
McGregor, William G.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
McRoberts, H. T.	1	-	-	-	16	-	1	-	-	-	4	-	-	-	-	1
New York State Natural Gas Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
Pemco Gas, Inc.	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Peoples Natural Gas Company, The	1	4	-	-	-	-	-	-	-	3	-	-	1	1	10	20
Phillips, T. W., Gas & Oil Company	1	6	1	-	1	-	-	-	-	23	3	-	-	-	23	58
Pittsburgh Plate Glass Company	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Quaker State Oil Refining Corporation	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Renner, John L.	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1

TABLE # 3
SUMMARY BY COUNTIES AND COMPANIES OF DRILLING PERMITS ISSUED
JANUARY - DECEMBER 1960

Company	Allegheny	Armstrong	Cambria	Clarion	Clearfield	Clinton	Elk	Payette	Greene	Indiana	Jefferson	Mercer	Somerset	Washington	Westmoreland	Total
Richards Drilling Company	-	3	-	-	-	-	-	-	-	-	-	-	-	-	1	4
Royal Oil and Gas Corporation	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Scharer, J. A., Company	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Schall, Robert F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Schrecengost, Fred M.	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Seantor, Marcus E.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Seantor, W. H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Shaffer, Paul E., Company	-	-	-	2	-	-	-	-	-	-	-	-	-	-	4	4
Shaner, W. M.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2
Shaner, Willard M.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Shell Oil Company	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Shelcta Oil and Gas Company	-	3	-	-	-	-	-	1	-	-	-	-	-	-	-	3
Snice, Wm. E., and Eberly, Orville	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Stefanik, Louis	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Sullivan, John P., Agent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Tedrow, Cecil E.	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	4
Victory Development Company	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	1
Walker, J. C.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Wally, William T.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Washington Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Whitener, A. L.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wood, Blaine	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Wood, William B.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wright, R. S.	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2
TOTAL	9	64	1	10	62	2	4	6	10	34	21	1	5	12	55	296

TABLE # 4
SUMMARY BY COUNTIES AND COMPANIES OF REPORTED WELLS NON-COAL AREAS
JANUARY - DECEMBER 1960

Company	Armstrong	Bedford	Butler	Clerion	Clearfield	Crawford	Elk	Erie	Fayette	Forest	Jefferson	McKean	Mercer	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Total
Penn State Oil Corporation	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	7
Pennsylvania Gas Company	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2
Peoples Natural Gas Company, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	3	-	5
Phillips Petroleum Company	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	2
Purvis, Verne, etal	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Quaker State Oil Refining Corporation	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	2	4	-	-	27
Roberts and Hessin	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Roggenbaum Oil Company	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Ronald Oil Company	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2
Royal Oil and Gas Company	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Seavy & Sharp	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	2
Shaffer, Paul E.	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
Shamrock Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2
Small, Walter M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Smith, Charles H., c/o Olson, G. E.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Snee & Eberly & Peoples Natural Gas Co.	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
South Penn Oil Company	-	-	-	-	-	-	-	-	-	-	263	-	-	-	-	-	-	-	-	-	263
Speers, S. M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Stover, A. and G. C.	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	7
Stover Oil Company	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	3
Tapp and Curtis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	4
Thornton Company	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	6
Tyler Oil Company	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2
United Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Waterhouse, W. W.	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Wolf's Head Oil Refining Company, Inc.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2
World Wide Petroleum Corporation	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	4
TOTAL	9	2	8	17	3	2	2	11	1	3	9	524	7	3	2	4	12	15	4	5	643

TABLE # 5
SUMMARY BY COUNTIES
TYPE OF WELLS REPORTED DRILLED
JANUARY - DECEMBER 1960

County	Total Wells Drilled	Gas	Gas & Oil	Oil	Salt Water	Storage	Intake	Dry
Allegheny	2	-	-	-	-	-	-	2
Armstrong	77	71	-	-	-	-	-	6
Beaver	1	-	-	-	-	-	-	1
Bedford	2	2	-	-	-	-	-	-
Butler	8	5	-	-	-	-	-	3
Cambria	1	-	-	-	-	-	-	1
Clarion	32	30	-	-	-	-	-	2
Clearfield	69	58	-	-	-	-	-	11
Crawford	2	-	-	1	-	-	-	1
Elk	8	3	-	-	-	-	-	5
Erie	11	8	-	-	2	-	-	1
Fayette	8	5	-	-	-	-	-	3
Forest	22	3	-	7	-	-	-	12
Greene	7	2	-	1	-	-	-	4
Indiana	21	16	-	-	-	-	-	5
Jefferson	39	28	1	1	-	-	-	9
McKean	512	2	1	264	-	-	236	9
Mercer	7	-	-	7	-	-	-	-
Potter	3	2	-	-	-	-	-	1
Somerset	6	5	-	-	-	-	-	1
Tioga	4	-	-	-	-	-	-	4
Venango	11	-	-	7	-	-	-	4
Warren	16	-	-	12	-	-	1	3
Washington	21	6	1	3	-	6	-	5
Westmoreland	59	47	-	-	-	-	-	12
TOTAL	949	293	3	303	2	6	237	105

TABLE # 6
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Company	Allegheny	Armstrong	Beaver	Bedford	Butler	Cambria	Clarion	Clearfield	Crawford	Elk	Erie	Fayette	Greene	Indiana	Jefferson	McKean	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Total
Acme Drilling Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1
Aladdin Petroleum Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Apollo Gas Company	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Benedum-Trees Oil Company	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Bissett, A. E. and M. W.	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2
Bloom, I. C.	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Boyd & Shriver	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	5
Boyer, James A. & Ouczykowski, B.J.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Brumage, M. C., & Sons	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Brunt, Harry W.	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Carnegie Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	7	-	16
Glovis, Roy W.	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	1
Columbian Carbon Company	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	2
Cypher, John E.	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
D. & S. Gas Company	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Dean, Orville E.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Deemer, F. C.	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Devonian Gas & Oil Company	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Doverspike, Glenn D.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Duquesne Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Equitable Gas Company	2	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	11
Fairman Drilling Company	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	3
Fairman Oil & Gas Company, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Felmont Oil Corporation	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	1	-	-	-	-	1	5
Fisher, Isaac M.	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2
Fox Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Freeland, H. D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Funk, W. R., & Brumage, J. C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Maley, John T.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

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Company	Allegheny	Armstrong	Beaver	Bedford	Butler	Cambria	Clarion	Clearfield	Crawford	Elk	Erie	Fayette	Greene	Indiana	Jefferson	McKean	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Total
Gerthoffer & Jones	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2
Ottman, W. I., & Sons	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Greene County Gas Company	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-	-	-	-	-	1
Hanley & Bird	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Hart, Charles A.	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Haupt, W. H., Company	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Heller, Cletas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Humphrey Industries, Inc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1
Hydrocarbon Exploration & Development Corporation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Jack, S. W., Drilling Company	-	-	-	-	-	-	-	1	-	2	-	-	-	1	1	-	-	-	-	-	-	-	-	5
James Drilling Corporation	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	5
Jefferson Elk Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Johnson, J. C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Jorgens, D. Richard	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Kennedy Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Leach, James F.	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
McLean, Gilbert	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Mahoney, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	3	16	-	-	-	-	-	-	-	-	1	-	34
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	7	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Mann, T. D., et al	-	-	-																					

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Company	Allegheny	Armstrong	Beaver	Bedford	Butler	Cambria	Clarion	Clearfield	Crawford	Elk	Erie	Fayette	Greene	Indiana	Jefferson	McKean	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Total	
Orr, Roy	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	
Owens-Illinois Glass Company	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Penco Gas, Inc.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Pennsylvania Dept. of Highways	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	1	-	5	
Pennsylvania Gas Company	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	
Peoples Natural Gas Company	2	1	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	3	-	-	-	1	10	20	
Phillips, T. W., Gas & Oil Company	1	2	-	-	2	1	1	-	-	-	-	-	-	7	2	-	-	-	-	-	-	-	4	20	
Pittsburgh Plate Glass Company	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Pittsburgh Steel Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Reitz Gas & Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	
Renner, A. C.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Riemer, Herman, Gas Company	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	
Royal Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Royal Oil & Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	
Schafer, J. A., Oil Company	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Seamor, W. H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Shell Oil Company	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
Small, Walter M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	
Smith, Dale A.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Snee, Wm. E., & Eberly, Orville	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	
Sullivan, John P., Agent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Sylvania Corporation, The	-	-	-	-	-	-	3	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	3	
Tedrow, Cecil E.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
Thornton Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5	
United Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	1	
Washington Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Waverly Oil Works Company, The	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
West Bethlehem Gas Company	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
Williams, Ruby J.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	
TOTAL	12	13	2	1	13	1	9	24	2	10	2	8	50	13	19	7	1	5	2	2	2	1	26	22	245

TABLE # 7
SUMMARY BY COUNTIES AND COMPANIES OF WELLS REPORTED PLUGGED AND ABANDONED
JANUARY - DECEMBER 1960

Company	Allegheny	Armstrong	Bedford	Butler	Cambsria	Clarion	Clearfield	Crawford	Elk	Erie	Payette	Greene	Indiana	Jefferson	McKean	Potter	Somerset	Tioga	Venango	Warren	Washington	Westmoreland	Total
Peoples Natural Gas Company, The	2	2	-	-	-	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	11	19
Phillips, T. W., Gas & Oil Company	1	2	-	-	1	1	1	-	-	-	-	-	3	5	-	-	-	-	-	-	-	4	18
Pittsburgh Steel Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Preston Oil Company, The	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	1
Raleston Hill Oil Lease	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Reitz Gas & Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Royal Oil and Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Rush, C. R.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Saxonburg Heat & Light Company	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
Schafer, J. A., Oil Company	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Seanor, W. H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Shell Oil Company	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Small, Walter M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Smith, Dale A.	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2
Snec, Wm. E., & Eberly, Orville	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Snider, A. M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Sylvania Corporation, The	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Tedrow, Cecil E.	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	3
Thornton Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5
United Natural Gas Company	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
Walker, J. C.	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Walker, Weir	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Washington Oil Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Washington Township Oil & Gas Co.	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	2
Wert, William H.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
TOTAL	12	11	1	7	1	12	28	2	11	2	8	48	9	21	7	1	2	2	2	2	27	21	237

TABLE # 8

SUMMARY BY COUNTIES AND COMPANIES OF PILLAR PERMITS ISSUED

JANUARY - DECEMBER 1960

Company	Allegheny	Armstrong	Greene	Indiana	Jefferson	Washington	Westmoreland	Total
Allegheny River Mining Company	-	4	-	-	-	-	-	4
Bethlehem Mines Corporation	-	-	-	-	-	4	-	4
Brencic, J. P.	-	-	-	1	-	-	-	1
Butler Consolidated Coal Company	6	-	-	-	-	-	-	6
Corty Coal Company	-	1	-	-	-	-	-	1
Doverspike Brothers Coal Company	-	-	-	-	1	-	-	1
Duquesne Light Company	-	-	5	-	-	-	-	5
Emerald Coal & Coke Company	-	-	6	-	-	-	-	6
Harmar Coal Company	10	-	-	-	-	-	-	10
Jones & Laughlin Steel Corporation	-	-	10	-	-	-	-	10
Leechburg Mining Company	-	3	-	-	-	-	-	3
Maiden Mining Company	-	-	1	-	-	-	-	1
Mather Collieries	-	-	2	-	-	-	-	2
Mathies Coal Company	-	-	-	-	-	8	-	8
National Mines Corporation	-	-	-	-	-	-	3	3
Pittsburgh Coal Company	-	-	-	-	-	5	-	5
Republic Steel Corporation	12	-	1	-	-	-	-	13
Rochester & Pittsburgh Coal Company	4	4	-	4	-	-	-	12
United States Steel Corporation	-	-	6	-	-	3	-	9
Venturini Brothers Coal Company, Inc.	-	-	-	-	-	-	1	1
TOTAL	32	12	31	5	1	20	4	105

CLEANING PLANTS

CLEANING PLANTS

1960

BITUMINOUS COAL DIVISION

Dis- trict	Name of Cleaning Plant	Company or Operator	Location
4	Allison	Allison Engineering Co.	Sligo
17	Aloe	Aloe Coal Co.	Imperial R.D.1
2	Altmire	Altmire Brothers Coal Co., Inc.	North Apollo
25	Appalacha	Appalacha Coal Co.	Indiana R.D.3
27	Benjamin	Benjamin Coal Co.	LaJose
8	Bigler-Bradford	Bradford Coal Co.	Bigler
7	Bird No. 2	Bird Coal Co.	Tire Hill
21	Bortz	Bortz Coal Co.	Lake Lynn
5	Bortz	Tasa Coal Co.	Wesley
11	Bowman	Bowman Coal Co.	Tunnelton
3	Boyers	Sunbeam Coal Corp.	Boyers
2	Cadogan	Allegheny River Mining Co.	Cadogan
27	Cambria-Clearfield	Cambria Clearfield Mining Co.	Westover
17	Campbell	Campbell Coal Co.	Cuddy
10	Cardiff	Imperial Coal Corp.	Nettleton
8	Carlin	R. S. Carlin, Inc.	Snow Shoe
17	Champion No. 1	Pittsburgh Coal Co., Div. of Consolidation Coal Co.	Imperial R.D.1
11	Champion No. 5	Republic Steel Corp.	Van Meter
6	Clyde	Republic Steel Corp.	Fredericktown
25	Clymer No. 2	The Morrisdale Coal Mining Co.	Clymer
1	Cokeburg No. 60	Bethlehem Mines Corp.	Cokeburg
10	Colver	Eastern Gas & Fuel Associates	Colver
25	Commodore	H. & H. Coal Co.	Commodore
16	Crucible	Crucible Steel Co. of America	Crucible
16	Culmerville	Sarver Coal Co.	Saxonburg R.D.1
14	Daniels Dense Media	Marco Coal Co.	Apollo
3	Deil No. 3	Allison Engineering Co.	Slippery Rock R.D.4
19	Delmont	Delmont Fuel Co.	Hunkers
20	Denise	Denise Coal Co.	Dovey
30	Diamond No. 2	Imperial Coal Corp.	Boltz
16	Donald No. 2	Bridgeview Coal Co.	Gray's Landing
19	Ella	Ruffsedale Coal Co.	Ruffsedale R.D.1
1	Ellsworth No. 51	Bethlehem Mines Corp.	Ellsworth
13	Emerald	Emerald Coal & Coke Co.	Rices Landing
26	Ernest	Rochester & Pittsburgh Coal Co.	Ernest
24	Eureka No. 40	Berwind-White Coal Mining Co.	Scalp Level
14	Foster	Leechburg Mining Co.	Kiskiminetas Twp.
19	Harbaugh	Harbaugh Coal Co.	Madison
14	Harmar Preparation Plant	Harmar Coal Co.	Pittsburgh 38
17	Harmon Creek	Harmon Creek Coal Corp.	Burgettstown
20	Harrison	The Saxman Coal & Coke Co.	Quecreek
30	Hesnton No. 62	Pennsylvania Coal & Coke, Div. of Fairbanks Whitney Corp.	Heshbon
3	Hilliard	Amos Coal Co., C. L.	Hilliard
11	Hostetter Preparation Plant	Pittsburgh Coal Co.	Hostetter
20	Huboard	Greensburg-Connellsville Coal & Coke Co.	McKeesport
10	Hughes	Hughes & Co., C. A.	Lilly
19	Hutchinson	Pittsburgh Coal Co.	Hutchinson
27	Imperial	Imperial Coal Corp.	Coalport
25	Imperial Keystone	Imperial Coal Corp.	Clymer R.D.
23	Isabella	National Mines Corp.	Isabella
11	Loyal	Seanor Coal Co.	Saltsburg
25	Lucerne	Rochester & Pittsburgh Coal Co.	Lucerne
4	Mac *	Mac Coal Co.	Shamburg
2	Mahoning Creek	Carpentertown Coal & Coke Co.	Templeton
1	Maple Creek	United States Steel Corp.	New Eagle
2	Margaret	Rochester & Pittsburgh Coal Co.	Margaret
1	Marianna No. 58	Bethlehem Mines Corp.	Marianna
25	Marion Center	Marion Center	Clymer
13	Mather	Pickands, Mather & Co.	Mather
22	Mathies	Mathies Coal Co.	Courtney
30	McIntyre	Rochester & Pittsburgh Coal Co.	McIntyre
23	Melcroft	Eastern Gas & Fuel Associates	Melcroft
13	Nemacolin	The Buckeye Coal Co.	Nemacolin
28	No. 31	Bethlehem Mines Corp.	Nanty Glo
10	No. 32	Bethlehem Mines Corp.	Revloc

Dis- trict	Name of Cleaning Plant	Company or Operator	Location
25	Pine No. 1	Glory Coal Co.	Hellwood
32	Ponfeigh Mt. Valley	Merrill Sons & Co., W. A.	Garrett
32	Ponfeigh Pine Hill	Merrill Sons & Co., W. A.	Good Town
2	Powell	Powell Coal Co., Inc.	Kittanning
24	Reitz No. 4 $\frac{1}{2}$	Reitz Coal Co.	Central City
29	Renton	National Mines Corp.	Renton
12	Ringgold Preparation Plant	Allegheny River Mining Co.	Dora
13	Robena	United States Steel Corp.	Greensboro
15	Roberts & Shaffer	Barnes & Tucker Co.	Bakerton
31	Rydesky	Rydesky Coal Co.	Sterling Run R.D.
29	Russellton Mine	Republic Steel Corp.	Russellton
4	Stahlman	W. P. Stahlman Coal Co., Inc.	Corsica
28	Standard Collieries	Standard Collieries, Inc.	Johnstown
9	Vesta-Shannopin	Jones & Laughlin Steel Corp.	LaBelle
30	Virginia No. 20	Crichton Coal & Coke Co.	Heshbon
21	Warwick	Duquesne Light Co.	Greensboro
30	Watson No. 1	Krolick Coal Co.	Saltsburg R.D.1
8	Wertz	Wertz Coal Co., D. G.	Westport
3	Wildwood	Wildwood Coal Co.	Wildwood
16	Wynn	Ruane Coal & Coke Co.	Wynn
4	Zacherl	Zacherl Coal Co., Inc.	Arthurs

* Formerly owned and operated by Wingert Contracting Co., Inc.

DIRECTORY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

BITUMINOUS DIVISION

EXECUTIVE OFFICE

Lewis E. Evans Secretary of Mines and Mineral Industries	Capitol Building 617 Belmont Avenue	Harrisburg Ebensburg	CEdar Ext. Greenleaf	8-5151 3020 2-9563
Michael Vinoverski Deputy Secretary	122 So. Center Street, P. O. Box 149 R. D. No. 3, Jack Street Union Valley	Ebensburg Finleyville	Greenleaf (Philipsburg (Dickens	2-7191 8-7271
W. R. Cunningham Deputy Secretary Oil & Gas Division	Capitol Building 919 Harlan Avenue	Harrisburg Johnstown	CEdar Ext.	8-5151 3635 34-2312
Leon Ehrlich Deputy Attorney General	Capitol Building	Harrisburg	CEdar Ext.	8-5151 3620
Mrs. M. B. Gutshall Administrative Officer	Capitol Building 2958 Lincoln Street	Harrisburg Camp Hill	CEdar Ext. REgent	8-5151 3021 7-9895

MINING ENGINEERS

Ralph A. Lambert Chief Mining Engineer	Capitol Building 2503 No. Washington Ave.	Harrisburg Scranton	CEdar Ext. Diamond	8-5151 2395 2-9449
William R. Kelly	Crawford Avenue	Spangler	Barnesboro	383J
A. Calvin Galbraith	522 Pine Street	Johnstown		6-6933

ELECTRICAL INSPECTORS

Albin D. Johnson		Home		397-2447
John A. Jurcevic	417 Longrun Road	McKeesport	CRichard	3-0962
Frank R. Gritus	Box 75	Homer City		9-8760

FORESTER

Wilson H. Wheeler (Office)	725 East Spruce Street 122 So. Center Street	Ebensburg Ebensburg	Greenleaf Greenleaf	2-7756 2-7191
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MINE RESCUE & FIRST AID INSTRUCTORS

John P. Kelly, Sr.	14 DeSavage Street	Jeannette		
George B. Chulick	Box 164, Lake Street	Sidman	BEaverdale	4515
John T. Doorley	111 Pennsylvania Ave.	Uniontown	GENeva	7-6358
Charles F. Speelman	Box 151	Jefferson		4223

BITUMINOUS MINE INSPECTORS

1	A. J. Hainn	248 North Avenue	Washington	Baltimore	5-1043
2	T. H. Werner	R. D. No. 2	Worthington	Atel	7-1043
3	W. E. Ray	Coolidge Ave., Burton Hts., Mounted Route No. 11	Butler		7-1043
4	R. J. Emigh	111 South Highland Street	DuBois		7-1043
5	W. M. McCluskey	310 Oakland Avenue	Grove City		7-1043
6	T. E. Jones	55 Second Street	Beaverdale		7-1043
7	M. W. Thomas, Actg.	509 Bedford Street	Winber		7-1043
8	D. B. Millward	724 Presqueisle Street	Philipsburg	Blackent	7-1043
9	A. J. Bengston	P. O. Box 71, 211 Jefferson Avenue	W. Brownsville	State	7-1043
10	Lawrence Jones	316 West Ogle Street	Ebensburg	Brumfield	7-1043
11	G. S. Struble, Actg.	414 South Ninth Street	Connellsville	Market	7-1043
12	J. E. Lamont	533 West Mahoning Street	Punkstawney		7-1043
13	L. D. Kimmel	P. O. Box 450 (Home)	Waynesburg		7-1043
14	G. P. Resick	1608 Taylor Avenue	Arnold	Hawkins	7-1043
15	Frank Zalisko		St. Benedict	Edison	7-1043
				(Barnesboro)	7-1043
16	J. M. Black, Actg.	210 Prospect Street	Uniontown	Geneva	7-1043
17	S. E. Cortis	107 Norris Drive	Canonsburg	Sherwood	7-1043
18	R. E. George	5316 Fifth Avenue	Altoona	Wills	7-1043
19	J. A. Blackburn	103 East Pittsburgh St.	Greensburg	Town	7-1043
20	C. H. Maize	322 West Union Street	Somers		7-1043
21	J. M. Black	210 Prospect Street	Uniontown	Geneva	7-1043
22	W. P. Powers	3328 Beaconhill Avenue	Pittsburgh 18	Leban	7-1043
23	G. S. Struble	414 South Ninth Street	Connellsville	Market	7-1043
24	M. W. Thomas	509 Bedford Street	Winber		7-1043
25	J. M. Hovanic	R. D. No. 1	Marion Center		7-1043
26	M. J. Garnek	215 Glenn Avenue	Canonsburg	Sherwood	7-1043
27	P. B. Gaddis	Goldenrod Farm, Pauline Drive, West	Clearfield		7-1043
28	E. N. Connor	1122 Rodgers Street	Monty Glo		7-1043
29	C. R. Curry	302 Noel Drive University Park Plan	Monroeville	Edinboro	7-1043
30	W. L. Groves	Moore Hotel	Indiana	Edinboro	7-1043
31	G. F. Moody	6 West 5th Street	Clearfield	Edinboro	7-1043
32	J. W. Muchnok	708 Page Street	Confluence		7-1043

OIL & GAS INSPECTORS

1	Raymond V. McCartney, Actg.	601 Madison Avenue	Grove City		7-1043
2	Richard E. Walther, Actg.	State Office Building	Pittsburgh 22	Express	7-1043
3	Charles E. Baldwin	907 William St., McJ. Acres	Washington	Baltimore	7-1043
4	William J. Burns, Jr.	335 North Barnett Street	Blacksville	Winwood	7-1043
5	Raymond V. McCartney	601 Madison Avenue	Grove City		7-1043
6	Richard E. Walther	State Office Building 300 Liberty Avenue	Pittsburgh 22	Express	7-1043

FIELD INVESTIGATORS

Richard M. Rayman	212 High Street	Berlin		7-1043
Edward M. Karolewics	R. D. No. 2, Box 435	Brownsville	State	7-1043
Robert H. Coleman	R. D. No. 6	Somers		7-1043
Barney Vargo	Box 247	Twin Rocks	Monty Glo	7-1043
James D. Cole	R. F. D. No. 1	Carmichael	Edinboro	7-1043

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
BITUMINOUS COAL OPERATORS - YEAR 1960

* Denotes Stripping Operations
Denotes Auger Operations

District	Operator	Gen'l Superintendent	Address
20	A. & A. Coal Co.	William Arrich	Friesens
8	A. B. & F. Contracting Corp. *	Nathan F. Finocchio	Osceola Mills
15	A. & C. Coal Co.	John Askew	Barnesboro
28	A. & C. Coal Co.	William G. Altman	Johnstown
7	A. M. & K. Coal Co.	William C. Armagost	Hooversville
22	A. & W. Coal Co.	Walter Wosnak	Belle Vernon R.D.3
18	Ace Coal Co.	Chester Chaimberlain	Coalmont
6	Adams Fuel Corp.	Joseph C. Leonard	South Fork
2	Aetna-Indiana Coal Corp. *	Merle Smith	Avonmore
10	Air Way Coal Co.	Theodore George	Lilly
20	Alexander Coal Co.	Edward Alexander	Stoystown
4	Allaman Mining Co. *	C. W. Allamar	Shippensburg
1	Allen Coal Co., Fred *	Fred Allen	Belle Vernon R.D.
2	Allen Coal Co., Paul, S.	Paul S. Allen	Distant
29	Allegheny-Pittsburgh Coal Co.	James S. Gelston	Greensburg
2-12	Allegheny River Mining Co. *	Roy A. Shaffer	Distant
3-4	Allison Engineering Co. *#	R. O. Murphy, Jr.	Grove City
12	Allshouse & Park Coal Co.	Alton I. Allshouse	Brookville R.D.3
27	Almans Coal Co.	Lloyd Bloom	Coalport
17	Aloe Coal Co. *	Julius Aloe	Imperial
2-14	Altmore Brothers Coal Co., Inc. *	Harold Altmore	No. Apollo
32	Alumbaugh Coal Co. *	W. Alumbaugh	Friedens
19	Alverson Fuel Co.	Oliver K. Painter	Mt. Pleasant
3	Ambrose Coal Co.	George Ambrose	Cabot R.D.1
5-17	Ambrosia Coal & Construction Co. *	Joseph H. Leeper	Edinburg R.D.1
21	American Carbon Fuels, Inc. *	James W. Laughner	Uniontown
2	Ames Coal Corp., C. L. *	Ernest Dean	Knox
26	Anderson Coal Co. *	James Anderson	Boswell
23	Angelo Coal Co.	Frank Angelo	Brownsville
3	Angie Coal Co.	Victor Colen	Russellton
1-18	Ansell Coal Co.	Earl Ansell	Scottdale R.D.1
1	Appalachia Coal Co.	J. P. Brencic	Indiana
1	Arcadia Co., Inc. *	J. P. Prushnok	Arcadia
1	Archkavage Coal Co.	Louis Archkavage	Dixonville
1	Aretta Coal Co.	Chester Aretta	Fairchance
1	Ark Coal Co.	Fred Drenning	Six Mile Run
1	Armstrong & Phipps *	Wayne E. Phipps	Stoneboro R.D.2
1	Arnold, Harvey	Harvey Arnold	Meyersdale
1	Arnold, Owen	Owen Arnold	Meyersdale
1	Asaph Coal, Inc. *	Fred V. Locey	Mansfield
1	Atwell Coal Co. *	Neille I. Atwell	Kennerdell R.D.2
1	B. & B. Coal Co.	Irvin Berkebile	Kantner
27	B. B. & B. Coal Co.	Charles Barrelle	Smoke Run
2	B. & G. Construction, Inc. *	Bianey Bowser	Kittanning
20	B. & K. Coal Co., Inc.	Guy H. Bowers	Somerset
12	Bachelier Coal Co.	Raymond Bachelier	Grampian
32	Baer, Walter	Walter Baer	Meyersdale
24	Bahorik Coal Co.	Steve Bahorik	Cairnbrook R.D.1
2-27-31	Bailey, Robert *	Robert Bailey	Morrisdale
3	Baker Coal Co.	Donald Baker	Carrolltown
33	Baker Coal Co. *	Edward Baker	Charleroi
13	Baker & Son Coal Co.	John S. Baker	Johnstown
22	Bakori Brothers Coal	Andy Bakori	Finleyville R.D.1
1	Balas Coal Co.	Andrew Balas	Monongahela R.D.
2	Balbo Brothers Coal Co.	Mario Balbo	Leechburg
2	Balbo Coal Co., Andrew	Andrew Balbo	Leechburg
12	Baldauf Coal Co., John A.	John A. Baldauf	Reynoldsville
20	Balsavage, Anthony	Anthony Balsavage	Boswell
18	Balzano Coal Co.	John Balzano	Altona
8	Banner Coal Co. *	Kenneth W. Chandler	Philipsburg
21	Baran, Joseph S. *	Joseph S. Baran	Uniontown
21	Baranek, Joseph	Joseph Baranek	Smithfield
3-5	Barber, David E. *	David E. Barber	Portersville R.D.2
14	Barclay Coal Co.	Ernest Barclay	Apollo S.R.

District	Operator	Gen'l Superintendent	Address
12	Barilar Coal Co., Inc. *	Fred B. Barilar	Anita
25	Barish & Sons Coal Co.	Joseph Barish	Instana R.D.4
15	Barnes & Tucker Co.	John S. Tadhunter	Barnesboro
15	Barnesboro Roofing Co.	Albert Wraga	Barnesboro
18	Barnhart Coal Co.	Robert Barnhart	Flinton R.D.
8	Barnyak, Martin & Philip	Martin Barnyak	Wishamm
17	Bartins, Stanley *	Clair Hughes	W.D. held
18	Barton Coal Co.	Samuel Barton	Old Mine Run R.D.
15	Basile Coal Co.	Michael Basile	Barnesboro
6	Bastine Coal Co.	Leaster Bastine	Widener
8	Batschelet, Harry S. *	Harry S. Batschelet	Arden
21	Battisti, Charles	Charles Battisti	Overmeyer
20	Baughman, John J.	John J. Baughman	St. Mary
12	Baughman Coal Co., R. D. *	Harrell Keith	St. Mary
22	Baughman Coal Co., Robert E.	Robert E. Baughman	St. Mary R.D.3
27	Bauman Coal Co., Russell	Russell Bauman	Clarksburg R.D.3
1-19	Baumgardner Coal Co.	James Baumgardner	St. Mary R.D.
12	Baun Coal Co.	Wayne Baun	Rockcastle R.D.
32	Beachley, Dalton J.	Dalton J. Beachley	Rock
32	Beachy & Beachy	Ernest Beachy	St. Mary
32	Beam Coal Co., H. J.	H. J. Beam	St. Mary
6	Beatrice Coal Co.	Thomas Beatrice	St. Mary
8	Beaver, Thomas	Calvin Dixon	St. Mary R.D.
25	Beaver Coal Co.	Paul Samuels	St. Mary
6	Beck Coal Co.	Baron Beck	St. Mary
25	Beck Coal Co.	John H. Keller	St. Mary
18	Becker, Paul E. *	Paul F. Becker	St. Mary R.D.3
12	Beckman, E. C. *	E. C. Beckman	Arden
12	Beckman, R. A.	R. A. Beckman	St. Mary R.D.
20	Boeman Coal Co.	Wey Boeman	St. Mary
32	Boener & Cramer Coal Co. *	Edward Boener	St. Mary
10	Bohe Brothers Coal Co.	Raymond Bohe	St. Mary
25	Boilchick Brothers Coal Co. *	Paul Boilchick	St. Mary R.D.
27-31	Belfast Coal Co. *	William W. Belfort	St. Mary
1	Bell Coal Co., Ewing	Ewing Bell	St. Mary
7	Bender Coal Co., Leo, Jr.	Leo Bender, Jr.	St. Mary
27	Benjamin Coal Co. *	David J. Benjamin	St. Mary
4	Benninger, A. C. *	Kenneth M. McFarland	St. Mary
22	Berdar Coal Co. *	John Berdar	St. Mary R.D.
7	Berkebile Coal Co., E. & F.	Bert Berkebile	St. Mary
24	Berkey Coal Co., Curtis	Curtis Berkey	St. Mary R.D.
24	Berkey Coal Co., Inc. *	John Yoder	St. Mary
15	Bernard Brothers Coal Co.	John Bernard	St. Mary
2	Bertetto Brothers Coal Co.	Orlando Bertetto	St. Mary
22	Bertoni Coal Co.	Robert Bertoni	St. Mary R.D.
6-24	Berwind-White Coal Mining Co.	R. P. Sease	St. Mary
9	Berzonsky & Saupp Coal Co.	Mike Berzonsky	St. Mary
4	Besetti, Joseph	Joe Besetti	St. Mary
5	Bessemer Limestone & Cement Co. *	A. W. Lutze	St. Mary R.D.
5	Best Brothers Coal Co.	George E. Best	St. Mary R.D.
1-7-10-25	Bethlehem Mines Corp.	L. F. Chalfant	St. Mary
31	Betta Coal Co., James	James Betta	St. Mary
4	Beveridge, Charles	Charles Beveridge	St. Mary
4	Beveridge, Howard	Howard Beveridge	St. Mary
27	Blackford Coal Co., Edna	Edna Blackford	St. Mary
24	Bigan Coal Co., John E. *	John E. Bigan	St. Mary
8	Biggans, Andy, Jr.	Andy Biggans	St. Mary R.D.
12-31	Big Run Coal Co. *	Nathan Thomas	St. Mary
5	Big Valley Coal Co. *	Delmar R. Measner	St. Mary R.D.
25	Billow Coal Co.	Andrew Billow	St. Mary
7	Bird Coal Co.	Mike Phillips	St. Mary
14	Bisaha Coal Co.	Adam Bisaha	St. Mary R.D.
29	Bisch Coal Co.	John Bisch	St. Mary
4	Bish, Robert Jay	Robert Jay Bish	St. Mary R.D.
32	Bittner, Edward	Edward Bittner	St. Mary
32	Bittner, Francis	Francis Bittner	St. Mary
2	Bituminous Coal Co., Inc. *	Paul Richards	St. Mary
18	Black, Adam J. & Ruth *	Adam J. Black	St. Mary R.D.
24	Black Beauty Coal Co.	Thomas Benson	St. Mary R.D.
18	Black Coal Co.	Odin Black	St. Mary
25	Black Diamond Coal Co.	Edward Skarbek	St. Mary R.D.
28	Black Diamond Coal Co.	Wesley Hamula	St. Mary
15	Black Hill Coal Co.	Clarence Baker	St. Mary
22	Blaha Coal Co., John *	John Blaha	St. Mary R.D.

District	Operator	Gen'l Superintendent	Address
4	Blair Coal & Trucking Co., F.	Edwin Erikson	Brockway
8	Blake Coal Co.	Alfred Eyerly	Morrisdale
8	Bloom, Carl & Rex M.	Carl M. Bloom	Morrisdale R.D.1
12	Bloom Brothers	Blair Bloom	Luthersburg
24	Bloom Coal Co., Ralph, Jr.	Ralph Bloom, Jr.	Holsopple R.D.1
16	Blout Coal Co.	Vincent Blout	Uniontown
31	Blue Valley Coal Co.	Jow Urman	Ridgway
3	Blum Coal Co. *	Raymond Blum	Zelenople
3	Blystone Coal Co.	Frank E. Blystone	Karns City R.D.2
5	Bobo, Estate of George *	G. R. Bobo	Grove City
32	Bodes Brothers	George M. Bodes	Meyersdale
25	Bofogna Coal Co., Nick	Nick Bofogna	Diltown
19	Boice Coal Co.	G. A. Boice	Irwin
2	Bollinger Coal Co., Herbert	Herbert Bollinger	New Alexandria
17	Bologna Mining Co. *	Ray Bologna	Burgettstown
15	Bonanza Coal Co.	James Emerick	St. Benedict
2-4	Bond, Nelson *	Nelson Bond	Rimersburg
31	Bonfordine & Santo Coal Co.	John Bonfordine	Weedville
12-27	Bookwalter Brothers Coal Co. *	Willis E. Bookwalter	Clearfield
31	Boron Coal Co.	Edward Boron	Clearfield
21	Bortz Coal Co. *	Arbuth Brown	Uniontown
27	Bowers Stripping Contractor, George *	George Bowers	Coalport
2	Bowersox, G. C.	William Bowersox	Apollo
32	Bowman, M. P.	M. P. Bowman	West Salisbury
11	Bowman Coal Co.	L. W. Hicks	Leechburg
27	Bowman Coal Co., W. C. *	W. C. Bowman	Houtzdale
32	Bowman Construction Co. *	Albert Bowman	Boynton
2-25	Bowser, Earl E. *#	Earl E. Bowser	Kittanning R.D.3
4	Boyer, P. B. *	William P. Boyer	DuBois
3-5	Boyles Coal & Supply Co. *	E. N. Boyles	New Castle
32	Boynston Coal Co.	G. G. Bowman	Salisbury
24	B-Quality Coal Co.	Merle K. Heckler	Windber
4	Bracken Contracting Co. *	R. L. McDowell	Sligo
8-27-31	Bradford Coal Co. *#	Russell Maxwell	Bigler
12	Brady, Edward	Edward Brady	Rochester Mills
32	Brant, Franklin *	Franklin F. Brant	Somerset
22	Brassart Coal	Albert E. Brassart	Fayette City R.D.1
21	Brewer Coal Co.	Willis E. Brewer	Point Marion
6	Briar Hill Coal Co.	John Biros	Lloydell
16	Bridgeview Coal Co. *	Harry W. Whyel	Uniontown
12	Brillhart Coal Co.	Charles Brillhart	Glen Campbell R.D.
2	Brink Coal Co.	Lawrence Brink	Cowansville
2	Brocius, Harold E.	Harold Brocius	Timblin
2	Brocius, Homer C.	Homer C. Brocius	Mayport
2	Brocius, R. M.	R. M. Brocius	Dayton
4	Brockway Clay Co. *	Wayne Morrison	Brockway
4	Brockway Fuel Co. *	Ross L. Ferraro	Rockway
25	Brockdale Coal Co.	Joseph Thompson	Mineral Point
25	Brooks Coal Co., Ray W. *	Ray W. Brooks	DuBois
31	Brosky Coal Co., Frank	Frank Brosky	Crenshaw
17	Brown, Charles E. *	Charles Brown	Hookstown
2	Brown, Clifton	Clifton Brown	New Bethlehem
25	Brown Brothers Coal Co. *	Fred Brown	Indiana R.D.1
31	Brown Co., E. M. *	Gerald F. Krisher	Clearfield
7	Brown Coal Co.	Kenneth Brown	Stoystown
17	Brown Coal Co. *	Oscar Brown	Darlington R.D.2
5	Brown Coal Co., W. G. *	W. G. Brown, Jr.	Meadville
4	Brubaker Brothers Coal Co. *	J. O. Brubaker	DuBois
20	Bruening, Ray E. *	Ray E. Bruening	Stoystown
12	Brumbaugh Brothers Coal Co. *	Louis Brumbaugh	Dayton R.D.1
5-13	Buckeye Coal Co., The #	W. A. Curry	Youngstown, Ohio
20	Budzina, Mike	Mike Budzina	Boswell
16	Bumble Bee Coal Co.	John Harding	McClellandtown
15	Bunker Hill Coal Co.	Andrew Bodnar	Emigh
12	Burba, Michael M.	Michael M. Burba	Arcadia
20	Burk Coal Co.	Charles Burk	Somerset
2	Burkett, Ralph D.	Ralph D. Burkett	Ford City
3	Burkhand Coal Co., J. L.	J. L. Burkhand	Butler R.D.2
27	Burnett Coal Co., Albert	Albert Burnett	Glen Richey
12	Burns Coal Co., F. C.	F. C. Burns	Indiana
25	Burns Coal Co., J. T.	J. T. Burns	Marion Center
3	Butia Brothers Coal Co. *	Harry Butia	Volant R.D.3
3	Butler Consolidated Coal Co.	F. G. West	Wildwood
11	Byrne, Frank F. *	Frank F. Byrne	Connellsville
15	Byrne Coal Co.	Michael Byrne	Barnesboro
15	Byrnes Brothers Coal Co.	L. G. Byrnes	Barnesboro

District	Operator	Gen'l Superintendent	Address
18	C. & C. Coal Co.	Clair Sinclair	Coalport
17	C. & F. Coal Co.	John Kosor, Jr.	West Newton R.D.1
4	C. & K. Coal Co. *	Peter Chernicky	Clarion
4	C. K. & H. Coal Co.	Carl L. Donahue	DuBois
18	C. & M. Coal Co.	John Crynock	Gallitzin
25	C. & M. Coal Co.	William Brady	Commodore
25	C. & P. Coal Co.	Clair Leasure	Clymer
7	CR Coal Co.	Clark W. Rodger	Hooversville
27	C. & S. Coal Co.	Russell Strong	Ansonville
7	Cable Coal & Construction Co.	John J. Cable	Holsopple
17	Calavenzo, Floyd *	Floyd Calavenzo	Pittsburgh 34
4	Calhoun, Dwight M. *	Dwight M. Calhoun	Bridgeport
12	Caltagarone Brothers Coal Co. *	Joseph Caltagarone	Reynoldsburg
27	Cambria Clearfield Mining Co.	Frank G. Waggett	Waggett
27	Cambria Mills Coal Co., Inc.	Frank Apple	Fallen Timber
20	Cambria Fuel Co.	J. M. Dawey	Johnstown
19	Cambuzzi Coal Co. *	Andrew Cambuzzi	Clarion
15	Camel Run Coal Co.	Joseph Strobel	Altoona
27	Cammos Coal Mining Co. *	Henry D. Azen	Houtzdale
21	Camp Coal Co., Inc.	Frank Dorian	Clarion
17	Campbell Coal Co.	E. E. Campbell, Jr.	Clarion
27	Campbell Run Coal Co.	William Wiley	Clarion
10	Candy Bank Coal Co.	Carl Willis	Clarion
25	Capizzi Coal Co. *	Sam L. Capizzi	Indiana
4	Card, Grant	Grant Card	DuBois
12	Cardamone Coal Co.	Ralph Cardamone	Clarion
8-31	Carlin, Inc., R. S. *	R. S. Carlin	Clarion
12	Carlson Coal Co.	K. O. Carlson	Clarion
21	Caro Coal Co.	Stewie Caro	Clarion
2	Carpentertown Coal & Coke Co. #	William Edmund	Clarion
27	Carson Coal Co., M. H. *	M. H. Carson	Clarion
8	Carson, O. R.	O. R. Carson	Clarion
8	Cartwright & Galeski	Paul Cartwright	Clarion
17	Caruso, Tony *	Tony Caruso	Clarion
32	Carver Brothers Coal Co.	Harry Carver	Berlin
14	Casella Coal Co., Inc.	Elmo Casella	Altoona
27	Caskey Coal Co., Harold	Harold Caskey	Clarion
8	Casper, Lewis	Lewis Casper	Clarion
5	Castellucci Excavating, J. *	J. A. Castellucci	Clarion
12	Catalano Coal Co., Camela	Archie Catalano	Clarion
2	Catfish Coal Co., Inc.	G. J. Gaggini	Clarion
8	Catherman, Theodore J.	Theodore J. Catherman	Clarion
18	Cavalier Coal Co., Inc. *	W. A. Russ	Clarion
15	Cence Coal Co.	Leroy Cence	Clarion
5	Center Coal Co.	Walter W. Kimes	Clarion
17	Central Commercial Co. *	R. B. Bassett	Clarion
27	Central Moshannon Coal Mining Co. *	J. Howard Smith	Clarion
15	Cerankoski Coal Co.	Vincent Cerankoski	Clarion
12	Cessna Coal Co.	William C. Cessna	Clarion
8	Chambers & Son, Cordes	Cordes Chambers	Clarion
31	Chase & Teston Coal Co.	Alfred Teston	Clarion
21	Chellini Coal Co.	Eno Chellini	Clarion
8	Cherry Run Coal Mining Co., Inc. *	H. J. O'Brien	Clarion
2	Cherry Run Fuel Co.	Adam Greece	Clarion
21	Chess Coal Co.	Raymond Chess	Clarion
15	Chest Creek Coal Co. *	John Radumsky	Clarion
18	Chilcote Mining Co.	Charles M. Chilcote	Clarion
25	Chilenski Brothers Coal Co.	Mike Chilenski	Clarion
3	Chinn Coal Co., Abe *	P. L. Toy	Clarion
2	Christy Coal Co., Charles *	Charles Christy	Clarion
23	Chuboy Coal Co., Steve	Steve Chuboy	Clarion
3-5	Chutz Brothers Coal Co. *	MacChutz	Clarion
20	Cicciarelli, William	William Cicciarelli	Clarion
8	Cieslar, John	John Cieslar	Clarion
7	City View Coal Co.	C. J. Hipp	Clarion
21	Clark Coal Co.	Roger Clark	Clarion
26	Clark Coal Co., Inc., William	William Clark	Clarion
18	Clark & Sons, Ralph L.	Owen D. Clark	Clarion
7	Clark & Stuft Coal Co.	Alvin Clark	Clarion
25	Clawson Coal Co.	Harvey Clawson	Clarion
25	Clearfield Bituminous Coal Corp.	J. D. Sutton	Clarion
27	Clearfield Limestone Corp. *	Joseph W. Michaels	Clarion
19	Clemens Brothers Coal Co.	Vincent Clemens	Clarion
18	Clevenger Coal Co., H. M. *	H. M. Clevenger	Clarion
16	Cloverdale Coal Co.	Laurio Capanna	Clarion

District	Operator	Gen'l Superintendent	Address
4	Cloverleaf Mines, Inc. *#	James Larkin	Patton
4	Coal Enterprises, Inc.	G. M. Rosenberger	Heilwood
7-20	Coal Junction Coal Co. *	J. M. Lynch	Friedens R.D.
23	Cochran Coal Co.	James R. Cochran	Dawson R.D.1
8	Cogan Coal Co. *	J. R. Storms	Mansfield
2	Cogley & McIlwain *	E. Charles McIlwain	Kittanning
3	Colonial Gas-Coal Co. *	Charles Mineo	Ellwood City
24	Cominsky Coal Co., Joseph A.	Joseph A. Cominsky	Windber
28	Commercial Coal Co.	Joseph Monfordini	Nanty Glo
31	Compass Coal Co. *	D. J. White	Janeau
27	Condon Coal Co., Elinor H.	Robert Condon	Woodland
18	Conley Brothers Coal Co.	Charles S. Conley	Dudley
23	Conn, Charles, Jr.	Charles Conn, Jr.	Confluence R.D.1
3	Connoquenessing Coal Co.	August M. Rozic	Butler R.D.7
3	Conterno & Dellen Coal Co.	Chester Dellen	Parker R.D.1
15	Conway Coal Co.	Ralph Conway	Ashville
7	Cook Coal Co., Ben P. *	Ben P. Cook	Cairnbrook
31	Cool Spring Mines	Messimo Scott	Weedville
6	Cooney Brothers Coal Co. *	Paul Cooney	Lilly
27	Copenhaver Coal Co., James	James Copenhaver	Beccaria
2	Corby Coal Co.	Louis Ducca	Indiana
2	Cornman, Earl *	Earl Cornman	Kittanning
5	Corry Excavating & Mining Co. *	L. Chapman	New Castle R.D.4
11	Corvi, Patsy	Patsy Corvi	Bolivar
13	Cosgray Coal Co.	George W. Strobe	Waynesburg R.D.2
1	Cosner Coal Co., F. J.	F. J. Cosner	Charleroi
24	Costantino Coal Co.	Don Batista	Windber
24	Country Club Coal Co.	Donald E. Cori, Sr.	Windber
5	Coyer Coal Mines	Walter J. Coyer	Grove City R.D.1
17	Craig Brothers Coal Co. *	Harry L. Craig	Clinton
2	Cravener, J. Russell *#	J. Russell Cravener	Kittanning
27	Creekside Coal Co.	William Hawkins	Clearfield
14	Creighton Coalworks, Inc.	John Bernardo	Creighton
30	Crichton Coal & Coke Co.	George Semegon	Johnstown
2	Crissman, Charles S.	Charles S. Crissman	New Bethlehem
2	Crissman, Clarence	Clarence Crissman	Putneyville
31	Crissman Coal Co., James T. *	Eugene Peters	Woodland
30-32	Croner, Inc. *	Earl D. Croner	Berlin
15	Cronouer & Holtz Coal Co.	Clement Holtz	Patton
18	Crotsley, Kenneth *	Kenneth Crotsley	Salttillo
16	Crucible Steel Co. of America	C. B. Tillson, Jr.	Pittsburgh
11	Crusan, Blair L.	Blair L. Crusan	Bolivar R.D.1
14	Crystal Coal Co.	James I. Young	Tarentum R.D.2
11	Csanyi Coal Co.	Joseph Csanyi, Jr.	Kent
4	Culbertson & Myers	Raymond Culbertson	Rimersburg
22	Curry Coal Co.	John Doyak	Pittsburgh 36
20	Custer Brothers Coal Co.	Dale Custer	Berlin
15-25	Cymbria Fuel Co. Inc. *	Leonard Butterworth	Barnesboro
27	D. & E. Coal Co.	Fred Dezaffe	Houtzdale
4	D. & J. Coal Co.	Bruce J. Evans	Oak Ridge
22	Dale Coal. W. Beecher *	B. W. Dale	Finleyville R.D.1
27	Dale Coal Co., Fred A.	Fred A. Dale	Clearfield R.D.
27	Dale & Elensky Coal Co.	Walter Elensky	Curwensville
25	Dalessio Coal Co.	Joseph P. Dalessio	Beyer
24	Dalton Run Coal Co.	John Kawchak	Johnstown
2	Dantella Brothers, Inc. *	Ambrose Dantella	Cadogan
4	Daugherty & Sons, Mrs. W. A.	William Daugherty	Falls Creek
16	Davis, Clair J.	Clair J. Davis	Dysart R.D.
16	Davis Coal Co.	Albert Yonkosky	Altoona R.D.4
19	Davis Coal Co.	Elmer Davis	Jacobs Creek
17	Davis Coal Co., Benjamin *	Benjamin Davis	Imperial
20-32	Davis Coal Co., C. R.	Charles R. Davis	Somerset
4	Davis & McFadden *	Keith McFadden	Strattanville
30	Davison, T. H.	T. H. Davison	Balck Lick
32	Davison Coal Co.	Abraham C. Davison	Somerset
3	Day Coal Co., Richard	Richard E. Day	Slippery Rock R.D.3
7	Deal & Lantzy Coal Co.	Victor Lantzy	Johnstown
4	Dean Coal Co. *	Jack Glenn	Knox
32	Decker Construction Co. *	Robert W. Decker	Garrett
17	DeCook Coal Co.	Frank DeCook, Jr.	Bulger R.D.1
12	DeFalco, Joseph	Joseph DeFalco	Grampian
12	DeFelice & Dinger Coal Co.	Joseph DeFelice	Punxsutawney
18	DeGol Brothers Coal Co.	Bruno DeGol	Gallitzin
24	Delasko Coal Co., Steve	Steve Delasko	Cairnbrook R.D.1
24	Dell Coal Co.	Joseph Dell	Windber

District	Operator	Gen'l Superintendent	Address
3	Dellana Coal Co.	Joseph Dellana	Karns City R.D.1
19	Delmont Fuel Co.	R. H. Jamison, Jr.	Hunkers
18	Delozier, Paul T. *	Paul T. Delozier	Coupon
31	Delullo Coal Co., Ralph	Ralph Delullo	Weedville
3-5	DeMarsh, Theodore *	Theodore DeMarsh	Forestville
20	Denise Coal Co.	Lawrence Speigle	Somerset
8	DePalma Brothers	Louis DePalma	Philipsburg R.D.
31	DePaoli, Joseph & Andrea	Joe DePaoli	Penfield
8	DeRomo Coal Co., John A. *	John A. DeRomo	Houtzdale
17	Dettinger Brothers Coal Co.	William Dettinger	Beaver Falls R.D.2
18	Detwiler Industries, Inc.	William T. Johnson	Defiance
24	Devan Coal Co., Daniel	Daniel Devan	Cairnbrook R.D.1
27	Diamond T. Strip Mining Corp. #*	Don A. Berlanti	Philipsburg
21	Diana Coal Co.	William Bair	Point Marion
18	Dibert Coal Co.	Lawrence W. Dibert	Ashville
27	Dick Coal Co.	George A. Dick	Coalcourt
25	Dillen Coal Co.	Cyrus Dillen	Homer City
21	Dillinger & Whyel Coal Co.	James E. Dillinger	Dunkard
12	Dinger, Harold	Harold Dinger	Summersville R.D.1
7	Dinning Coal Co., Ray M.	Ray M. Dinning	Stoystown
32	DiValentino & Dirienzo	Galilee DiValentino	Meyersdale
4	Doan Coal Co. *	David G. Daon	Raynoldsville
5-17	Dodds Coal Co. *	Cornelius Dodds	New Galilee R.D.1
27	Dore Coal Co., John A.	John A. Dore	Smith Mills
14	Dorg Mining Co.	Donald Yelmini	Abollo
4	Doverspike, C. A.	C. A. Doverspike	Fairmount
12	Doverspike Brothers Coal Co.	James R. Doverspike	Mayport R.D.2
17	Dow-Lin Coal Co.	W. H. Link	Hookstown
19	Dragan & Sons Coal Co. #*	Stephen Dragan	Belle Vernon
28	Driscoll Mining Co.	Herman McCarthy	Cresson
15	Duclos & McQuillen Coal Co.	Cyril Duclos	Fatton
16	Dulik Coal Co.	Frank Dulik	Smock
30	Duncan & Simpson Coal Co. *	Glenn M. Duncan	Armagh
16-21	Dunham Coal Co.	Paul E. Dunham	Smithfield
11	Dunlap Coal Co.	William R. Dunlap	Blairsville
31	Dunlap Coal Co., Russell	Russell Dunlap	Philipsburg
6	Dunlo Construction Co. *	John Ondesko	Dunlo
20	Duppstadt, Emmett *	Emmett Duppstadt	Berlin
14-21	Duquesne Light Co.	James E. Elkin	Pittsburgh 1
15	Duriaz Coal Co.	William Duriaz	Barnesboro
18	Duvall & White	Eugene Duvall	Six Mile Run
18	Dysart Coal Co.	George Thomson	Dysart
25	E. & S. Coal Co.	Robert Buterbaugh	Hillsdale
20	E. S. & C. Coal Co., Inc.	Joseph Ewanitsko	Jerome
3	Eagal Coal Co.	Craig Saul	Butler R.D.5
22	Eakin Coal Co. *	Paul Eakin	Monacahele
12	East Branch Equipment Co. *	Paul A. Snyder	Verona
24	East Windber Coal Co.	John Toth	Hoooversville
6-10-23	Eastern Gas & Fuel Associates	W. B. J. Mayo	Welcroft
16	Eberly Coal & Coke Co.	Howard L. Eberly	Uniontown
4	Eck Brothers Coal Co.	Joseph W. Eck	East Brady
32	Eckman, Frank	Frank Eckman	Rockwood
32	Edminston Coal Co.	Mearl Edminston	Vintondale
2	Edni Contracting Co., Inc. *	John Thompson	Saltsburg
25	Edwards Brothers Coal Co.	Carl T. Edwards	Clymer R.D.1
10	Eger Coal Co.	Herbert Eger	Lilly
31	Elbon Coal Co.	Herman Swanson	Elbon
31	Elensky Coal Co., John	John Elensky	Curwensville
8-27	Elliot Coal Mining Co., Inc. *	Seymour Weisberger	Philipsburg
13	Emerald Coal & Coke Co.	Clinton C. Cornelius	Pittsburgh 19
32	Emerick, Ray	Ray Emerick	Hyndman
8	Emig, John F.	John F. Emig	Williamsport
4	Emlenton Limestone Co. *	Peter Chemicky	Clarion
4	Emory Brothers Coal Co.	Haven Emery	Brookville
12	Engleman, Charles *	Charles Engleman	Punxsutawney
32	Enos Fair Oak Coal Co.	Glenn Enos	Confluence
20	Erickson Coal Sales	C. Fred Erickson	Johnstown
28	Esgro Brothers Coal Co.	Dominick Esgro	Ebensburg
15	Ethel Coal Co.	James Cunningham	St. Benedict
4	Evans Coal Co.	T. R. Kellett	Clarion
22	Evans Coal Co., Adam *	Adam Evans	Export
4	Evans Trucking Co.	Elmer Stewart	New Bethlehem
8	Evelyn Coal Co. *	Robert Adcock	Irvona
17	Ewing, Charles W. *	Charles W. Ewing	Imperial

District	Operator	Gen'l Superintendent	Address
4	F.A.N.G. Coal Co.	Lloyd Adamson	Reynoldsville
18	F. & K. Coal Co.	D. W. McCartney	Mountaintdale
16	F. & M. Coal Co.	George H. McGee	Uniontown
25	F. P. & K. Coal Co.	Charles Papal	Dixonville
12	Fairview Coal Co.	J. C. Kennedy	Timblin
8	Fall Brock Coal Mining Co. *	Adam J. Kaminski	Blossburg
16	Farm Coal Co.	William Edmunds	Pittsburgh
6	Feller Coal Co., Inc., E. E. *	E. E. Feller	Johnstown
12	Fenstermaker Coal Co.	H. I. Fenstermaker	Punxsutawney R.D.5
27	Fenush Coal Co., Andrew	Andrew Fenush	Drifting
27	Fenush Coal Co., Carl *	Carl G. Fenush	Grassflat
17	Ferguson Mining Co. *	Thomas B. Gerguson	Darlington
22	Fetchen, Pete	Pete Fetchen	Bunola
25	Fetsko & Stear Coal Co.	George Fetsko	Marion Center
12	Fetterman Coal Co.	Roy Fetterman	Glen Campbell R.D.1
20	Fetterolf Coal Co., Inc., M. F. *	M. F. Fetterolf	Jennerstown
16	Fields Coal Co.	Leroy Fields	Point Marion
6	Filby Coal Co., J. H. *	John L. Filby	Edinburg R.D.1
27	Finch Coal Co., Mike	Mike Finch	Smoke Run
27	Fine, Harry L., Sr.	Harry Louis Fine, Sr.	Monongahela R.D.1
27	Fink & Son, C. V. *	R. L. Fink	Woodland
27	Fiore Coal Co., Fred *	Fred Fiore	Pittsburgh 36
27	Fiore Contractors, William *	William Fiore	Pittsburgh 36
27	Fiore Development Co. *	Elmer Fiore	Pittsburgh 36
16	Fisanich Coal Co.	Steve Fisanich	Barnesboro
13-5	Fisher Mining Co.	C. A. Fisher	Stoneboro R.D.1
27	Fisher & Smith Coal Operators *	Theodore H. Smith	Lock Haven
27	Flango Brothers Coal Co. *	Michael Flango	Ramey
22	Fleck Coal Co.	Wilson Boyd	Carnegie
22	Flemming & Sons, E. F.	Robert Flemming	Marion Center R.D.1
12	Flynn Brothers Coal Co.	William Flynn	Grampan
25	Foehrenbach Coal Co., L. H. *	L. H. Foehrenbach	Indiana R.D.3
20	Fog Hollow Coal Co.	Robert M. Shoff	Somerset
32	Fogle Coal Co.	Charles Fogle	Garrett
16	Foor Coal Co.	Alton T. Foor	Six Mile Run R.D.
3	Force Coal Co., Joseph	Joseph Force	Slippery Rock R.D.2
22	Ford, George E. *	George E. Ford	West Elizabeth
15	Formeck Coal Co.	Joseph Formeck	Barnesboro
2	Forrest Coal Co.	D. C. Ondrizek	Apollo
4	Foust, Richard L. *	Richard L. Foust	Reynoldsville
24	Foustwell Coal Co.	Joseph Zanghi	Holsopple R.D.2
32	Foy, Walter	Walter Foy	Berlin
1	Frankie Coal Co.	Joseph Reggianni	Fayette City R.D.
21	Franks Coal Co., Inc.	Frank Palya	Uniontown
2	Frazer Coal Co., David	David G. Frazer	East Brady
3	Frederick & McCormick	C. G. McCormick	Chicora R.D.3
27	Freeman Coal Co., W. R. *	William R. Freeman	Clearfield
20	Freeport Coal Corp.	John H. Flick	Friedens
21	French Coal Co.	Lloyd French	Smithfield
12	Freno, Andrew	Andrew Freno	Glen Campbell R.D.
19	Fricano Coal Co.	Nansie Fricano	Scottdale
27	Friday Coal Co., Conrad F.	Conrad F. Friday	Osceola Mills
30	Friel Coal Mining Co.	Glenn Marshall	Indiana
27	Frisco, Harry	Harry Frisco	Irvona
18-21	Fry Coal & Stone Co. *	William R. Erickson	Mercersburg
12	Frye, M. A.	M. A. Frye	Luthersburg
32	Fullerton, Joseph	Joseph Fullerton	Meyersdale
25	Fulmer Coal Co.	Jay Fulmer	Clymer R.D.1
27	Fundack Brothers Coal Co.	Andrew Fundack	Madera
17	Furno Brothers Coal Co.	Emile Furno	Sturgeon
31	Fye & Seprish Coal Co.	Lewis Fye	Karthus
20	Fyock, N. J. *	N. J. Fyock	Stoystown
24	Fyock Coal Co.	Charles Fyock	Windber
20	G. & A. Coal Co.	George Neri	Boswell
15	G. & H. Coal Co.	Jerome Holtz	St. Boniface
21	G. & H. Coal Co.	Earl Swift	Point Marion
19	G. & J. Fuel Co. *	Daniel Scaglione	New Alexandria
18	G. M. & W. Coal Co., Inc. *	James E. Park	Robertsdale
4	G.N.A.T. Coal Co.	Lloyd Adamson	Reynoldsville
31	Gallagher Coal Co.	Clair Gallagher	Benezett
15	Garay Coal Co.	William Garay	Bakerton
20	Gardner, Lester H.	Lester H. Gardner	Somerset
3	Garner Coal Co. *	Lyle Garner	Mercer
32	Gary, Lester	Lester Gary	Rockwood
12	Garzoni, C. A.	C. A. Garzoni	Punxsutawney

District	Operator	Gen'l Superintendent	Address
12	Garzoni & Sons Coal Co.	Victor Garzoni	DeLancey
12	Gaston, Glen	Glen Gaston	Rossiter R.D.
25	Gaston Coal Co.	J. E. Gaston	Marion Center
18	Gauntner, John P.	John P. Gauntner	Ashville
12	Gearhart Coal Co.	Harry Gearhart	Dayton R.D.1
32	Geiger, Fred	Fred Geiger	Meyersdale
27	Genesi & Rafelskey Coal Co.	Mike Rafelskey	Smith Mills
16	Genovese Coal Co. *	Theodore Genovese	Uniontown
7	Gertz Coal Co.	Fred Gertz	Johnstown
1	Gibson Coal Co.	John Matwav	Bentleyville R.D.
16	Gibson Coal Co. *	Frank L. Zeigler	Barnesboro
8	Gillen & Son, R. C. *	R. C. Gillen	Lock Haven
24	Gindlesperger Brothers Coal Co.	Lester Gindlesperger	Central City
25	Glasser Coal Co.	Charles P. Glasser	Indiana
4-12	Glenn, W. Paul *	W. Paul Glenn	Corsica
20	Glessner, Robert H., Jr. *	Robert H. Glessner, Jr.	Berlin
24	Gloriant Coal & Equipment, Inc.	Thomas Greathouse	W. Huber
25	Glory Coal Co.	Andrew Polenik	Clymer R.D.2
20	Goden, Harold E. *	Harold E. Goden	Boswell
24	Godin & Schmidt Coal Co. *	Joseph Godin	Stovestown
15	Goodwill Coal Co.	Boyd Winters	Barnesboro
3	Gornick Coal Co.	Sylvester Gornick	Russellton
12	Grange Mining Co.	Norman L. Smith	Punksburn R.D.5
8	Granville & Walker Coal Co. *	F. P. Walker	Ralston
15	Gray Coal Co.	Theodore Gray	Barnesboro
7	Greathouse Coal Co.	Ernest Greathouse	Johnstown
3	Green Basin Coal Co. *	Richard Renwick	Renfrew R.D.1
19-23	Green, Inc., Walter *	Joseph E. Green	Scottsdale
16	Greenhill Coal Co.	John Trosiek	Uniontown
22	Greensburg-Connellsville Coal & Coke	William Edmunds	Pittsbourg 1
18	Gregg, Frank S.	Frank S. Gregg	Dysart
31	Gregori Brothers Coal Co.	Angelo Gregori	Weedville
8	Grossman, Nicholas	Nicholas Grossman	Houttsdale R.D.
3	Grove City Construction Co. *	Edward Hummel	Harrisville
4	Groves, Lundin & Cox, Inc.		
	Groves Co., C. H. #	C. G. Britton	California
27	Gulbranson, Inc., W. O. #	Michael Cimbal, Jr.	Johnstown
37	Gulish Coal Co.	Allen Gulish	Manera
21	Gustafson Coal Co., Dalton	Dalton Gustafson	Weedville
8	Guy Coal Co. *	Raymond F. Guy	Blossburg
21	H. & A. Coal Co.	Clyde Angelo	McClellandtown
16	H. & F. Coal Co.	Anthony Farber	McDonald, W.
25	H. & H. Coal Co.	Charles Lewis	Indiana
25	H. & J. Coal Co.	Herman Fontani	Starbuck
8	H. & R. Coal Co. *	Clair L. Hall	Snow Shoe
7	Hagans & Baker Coal Co.	Telford Hagans	Stovestown
2	Hagofsky, Edward	Edward Hagofsky	Free City
19-29	Hall, Inc., J. M. & J. M., Jr.	J. M. Hall	Murraville
27	Hamilton Coal Co., John	John Hamilton	Manera
12	Hamilton Mining Co., Inc. *	Charles Bertamini	Punksburn R.D.1
31	Hand Coal Co.	Steve Sherry	Weedville
15	Hannigan Coal Co.	Paul Hannigan	Spangler
8-27	Hansel Coal Mining Co., S. R. *	Stephen R. Hansel	Houttsdale R.D.1
31	Hanslovan Coal Co.	John Hanslovan	Grassflats
19	Harbaugh Coal Co.	J. C. Harbaugh	Madison
8	Harbison-Walker Ref. Co. *	P. C. Mitchell	Pittsburgh
8	Harchak & Lucas Coal Co. *	John Harchak	Morann
2	Harcliff Mining Co.	William G. Jamieson	Kittanning
4	Hargrow Industries, Inc. *	Edgar F. Eddy	Pittsburgh
23	Harim, Michael	Michael Harim	Dunbar R.D.1
2	Harman, Paul C. *	Paul C. Harman	Fairmount City
2	Harman Coal Co.	Orlando Harman	Maysport
14-29	Harman Coal Co.	William P. Watson	Library
17	Harmon Creek Coal Corp. *#	Walter Robertson	Burgessstown
31	Harper Coal Co., Lewis	Lewis Harper	Clearfield
8	Harpster & Son, Harry P.	Harry P. Harpster	Tyng
19-29	Harris Coal Co.	J. Richard Harris	Pittsburgh 70
26	Harter Coal Co.	Benjamin S. Harter	McKeesport
13	Harvey, Daniel B.	Daniel B. Harvey	Waynesburg R.D.1
15	Haseltine Coal Co.	James Haseltine	Barnesboro
15	Hastings Coal Co., Inc.	Gerald J. Yahner	Hastings
7	Hause Coal Co.	Home Hause	Stovestown R.D.2
2-12	Hawk Brothers Contracting Co. *	Melvin G. Hawk	New Parkville
2	Haynie Coal Co. *	Guy Toy	Scotts Run
2	Hays Run Coal Co.	William Titus	Kittanning
18	Healy, Clarence G.	Clarence G. Healy	Gallitzin R.D.1

District	Operator	Gen'l Superintendent	Address
18	Heaton Coal Co.	John Heaton	Saxton
2	Heffelfinger Coal Co. *	Basil Heffelfinger	Cowansville
7	Heidingsfelder Coal Co., Fred C.	Fred C. Heidingsfelder	Johnstown
16	Henckel Construction Co. *	Elmer M. Henckel	Uniontown
2	Hendershot Coal Co.	Herbert P. Hendershot	Cowansville
2	Henderson, Loyal T.	Loyal T. Henderson	Distant
21	Henderson, Virgil *	Fred O. Johnson	Morgantown, W. Va.
32	Hennenkamp, King *	King Hennenkamp	Rockwood
8	Hensal & Hansel Coal Co.	George W. Hansel	Ramey
31	Hepburnia Coal Co. *	Robert Spencer	Gramplan
4	Hepfl, William G.	William G. Hepfl	Clarion
3	Herman Coal Co.	James Mercatel	Butler
8	Hertlein, Frank T. *	Frank T. Hertlein	Karthauss
18	Hertzgog Coal Co.	Regis Gertzgog	Dysart
6	Heshbon Coal Co., Inc. *	Francis R. Allison	Windber
12	Hetrick, Elmer M.	Elmer M. Hetrick	Dora
18	Hickory Hill Coal Co.	Robert Mort	Saxton
20	Higgins Run Coal Co.	Harold E. Goden	Boswell
2	Highland Coal Co.	Herman E. Craig	Rimersburg
20	Highland Resort & Estates, Inc. *	Ord L. Rice	Somerset
12	Hilliard, John	John Hilliard	Punxsutawney R.D.5
3	Hilliard Mining Co. *	Dan Hilliard	Butler R.D.7
27	Hill Brothers Coal Co. *	W. D. Hill	Morrisdale
27	Hill Coal Co.	Mrs. Henry Watchey	Smith Mills
15	Hill Too Coal Co.	James Lydic	Barnesboro
15	Hill Too Coal Co.	Sam Shevock	Barnesboro
21	Hilltop Coal Co.	Basil E. Zaycosky	Uniontown
12	Himes, John F.	John F. Himes	Punxsutawney R.D.5
3	Hindman Coal Co. *	P. W. Hindman	Eau Claire
11	Hinish & Kiefman	Lloyd Kiefman	Hopewell
28	Hiysota Fuel Co., Inc. * #	Joseph R. Caola	Boswell
6	Hoberney Coal Co.	Angeline Hoberney	Cassandra
24	Hoffman Coal Co., Herbert	Herbert Hoffman	Windber R.D.1
31	Hoffman Coal Co., James *	James Hoffman	Karthauss
26	Hofrichter Coal Co.	Thomas J. Hofrichter	Avella R.D.2
3	Holben Coal Co.	D. O. Holben	Chicora
1	Hollen, Lemuel	Lemuel Hollen	Fallen Timber R.D.
16	Holly Coal Co. *	Frank T. Holly, Jr.	Uniontown
4	Holt, Dale	Dale Holt	Brockway
15	Holtz Coal Co.	Walter L. Holtz	Hastings
15	Holtz Coal Co., A. E.	William J. Holtz	Hastings
15	Holtz Coal Co., C. A.	Charles A. Holtz	Hastings
15	Holtz Coal Co., C. B.	C. B. Holtz	Hastings
15	Holtz & Son Coal Co.	Isadore J. Holtz	Hastings
32	Honeybar & Thomas	Henry Honeybar	Berlin
6	Hoover, John M.	John M. Hoover	Sandy Ridge
27	Hoover & Son Coal Co., I. H.	William Hoover	Curwensville
15	Hope Coal Co.	Steve Ferensic	Barnesboro
7	Horne Coal Co., O. B.	O. B. Horne	Johnstown
6	Horner & Custer Coal Co.	H. C. Horner	Salix
32	Horning Fuel Co.	William E. Horning	Meyersdale
23	Horrell & Son *	J. W. Horrell	Belle Vernon
24	Horseshoe Coal Co.	John S. Alexander	Windber
3	Hortert Coal Co. *	Frank J. Hortert	West Sunbury R.D.2
18	Horton & Leighty Coal Co.	Clair Horton	Hopewell
8	Houdeshell, George	George Houdeshell	Howard R.D.
2	Houser, Earl *	Earl Houser	New Bethlehem
11	Hoyle, Ruth N.	Ruth N. Hoyle	Derry R.D.1
7	Hritz Coal Co., George	George Hritz	Windber R.D.1
7	Huber Street Coal Mining Co.	August Pleskovic	Johnstown
2	Huffman & Reichard Coal Co.	C. A. Reichard	Mayport
8	Hunter, Walter	Walter Hunter	Wellsboro
7	Huston Coal Co.	Lewis Roy Huston	Central City R.D.1
3	Hutchison Coal Co.	W. P. Hutchison	Butler R.D.5
19	Hutchison Coal Co. *	Lewis Hutchison	Perryopolis
32	Hutzell, Ray	Ray Hutzell	Meyersdale
24	Ideal Coal Co.	John N. Kozielec	Holsopple R.D.2
10-25-27-30	Imperial Coal Corp.	Emmett T. Lang	Seward
2-4	Iseman Brothers Coal Co. *	Paul J. Heilman	Kittanning
24	J. & L. Coal Co.	John Kosis	Seanor
8	J. & M. Coal Co. *	John Rice	Philipsburg
12	J. & N. Coal Co.	Joseph Ferrara	Anita
12	Jackson, Joseph M.	James M. Jackson	Reynoldsville R.D.3
12	Jackson Brothers Coal Co.	Chris Jackson	Big Run
28	Jackson Coal Co.	Susan M. Bankovich	Twin Rocks

District	Operator	Gen'l. Superintendent	Address
28	Jackson Hill Coal Co. *	John U. McFadden	Ebensburg
27	Jacox Coal Co., Reed A. *	Reed A. Jacox	Clearfield
25	James Coal Mining Co.	James Keith	Commodore
13	Jankey, John W.	John W. Jankey	Masontown
25	Jarvie & Harwick Coal Co.	William Jarvie	Clymer
30	Jenny Coal Co.	Stephen Sipos	Homer City
21	Jimmie's Coal Co.	Edward Ulrich	Waynesburg
7	Jock & Evenech Coal Co.	John Evenech	Hooversville
6	Johnson Coal Co., Carl	Carl Johnson	Portage
20	Jones Coal Co., E. A.	John C. Young	Rockwood
6-28	Jones Coal Co., E. L. *	Evan L. Jones	Mineral Point
27	Jones Coal Co., Walter *	Walter Jones	Kylertown
32	Jones & Baer	Lee Jones	Meyersdale
8	Jones & Brague Mining Co. *	Raymond F. Brague	Blossburg
9-21	Jones & Laughlin Steel Corp.	W. E. Hess	California
27	Jordon Coal Co., Robert & Edward	Robert Jordon	Ramey
27	Jor-Nox Coal Co.	Raymond Witherow	New Millport
2	Joy Manufacturing Co., Inc.	Donald Wiebe	Saltsburg
8	Juliana Coal Co.	John Harchak	Morann
21	K. D. & M. Coal Co.	Frank McCann	Uniontown
21	K. R. & J. Coal Co.	John A. Rerko	Uniontown
8	K. & S. Coal Co.	Charles Kovalchick	Phillipsburg
4-5	Kahle Coal Co. *	Kenneth Kahle	Knox
12	Kann Coal Co. *	John Kann	Punxsutawney R.D.2
11	Karazsia Coal Co.	George Karazsia	Whitney
2	Kaskan Coal Co.	Mike Kaskan	Vandergrift R.D.2
14	Kaskan Coal Co.	George Kaskan	Apollo R.D.3
8	Kassab, Casper *	Casper Kassab	Phillipsburg
8	Kasubick Brothers Coal Co. *	Raymond Kasubick	Houtzdale
31	Kaul Clay Products Corp.	R. S. Moran	Clermont
15	Kays Coal Co.	John Kovach	St. Boniface
21	Kays Coal Co. *	Frank Bobish	Uniontown
23	Keefer & Shultz	Samuel Shultz	Normalville R.D.1
3	Keibler Coal Co. *	Richard C. Keibler	Sarver R.D.2
27	Keith Coal Co., Betty L.	Merle Keith	Utahville R.D.1
15	Kelly Coal Co.	Charles J. Kelly	St. Boniface
7	Kelso Coal Co.	Edwin Davis	Tire Hill
2	Kemp, Robert C.	Robert C. Kemp	New Bethlehem
11	Kenallen Coal Co.	Nick Weaver	Greensburg
12	Kennedy Coal Co.	Alvin Kennedy, Sr.	Punxsutawney R.D.5
32	Kennell, Robert	Robert Kennell	Hyndman
18	Kenner Coal Co.	Henry Kenner	Couzon
8	Kephart, Doyle & Milford *	Doyle Kephart	Osceola Mills
1	Kerlin Coal Co., Paul, Jr.	Paul Kerlin, Jr.	Irwin R.D.
3	Kerry Coal Co. #1	R. W. Kerry	Portersville R.D.2
19	Kesman Brothers Coal Co. *	Frank Kesman	Charleroi
9	Keystone Construction Co. *	Silvio DiFramperi	Willisburg
5-17	Keystone Valley Coal Co. *	Leo Oglietti	Ellwood City
2	Kiehl, Charles E.	Charles E. Kiehl	Hawthorne
2	Kimmel, J. V. #	Ruth L. Kimmel	Shelocta
1-19	Kimmel Coal Co. *	Wilmer Kimmel	Arona
20	Kimmel Coal Co., J. M.	J. M. Kimmel	Hooversville
24	Kimmel Coal Co., Thomas	Thomas Kimmel	Holtsdale
2	King Coal Co.	Earle Speranza	Avonmore
16	King Coal Co.	James A. King	Chicoyle
19	King Coal Co.	William King	Jacobs Creek
4	Kiser, Wilbur H. *	Wilbur H. Kiser	Clarion
30	Kiski Coal Co.	Joseph Gilchrist	Pittsburgh 22
27	Kitko Coal Co., Paul	Paul Kitko	Madera
19	Klaka Coal Co.	Joseph Klaka	Greensburg
2	Klamar Coal Co.	Joseph Klamar	Indiana
4	Klebacha, Joseph	Joe Klebacha	DuBois
15	Kline Coal Co.	R. T. Kline	Hastings
32	Klink, Dallas	Dallas Klink	Rockwood
8	Kment Coal Co.	Frank Winkelman	Westport
12	Kniseley Coal Co.	Francis Caltadaronce	Reynoldsville
32	Knopsnyder, Edward	Edward Knopsnyder	Markleton
23	Koballa, George E.	Geo. E. Koballa	St. Catharinesville
14	Kohler Coal Co., Robert G.	Robert G. Kohler	Johnstown
24	Kolen Coal Co.	Roy Feach	Toronto R.D.2
25	Koloskee Coal Co.	Joseph L. Koloskee	Clymer R.D.1
12	Koozer, Harry E.	Harry E. Koozer	Glenn Dale R.D.1
19	Koracin Coal Co.	Steve Koracin	Yukon
16	Koruna Brothers Coal Co.	Frank Koruna	Fairchance
8	Koshko, Howard *	Howard M. Koshko	Clarence

District	Operator	Gen'l Superintendent	Address
8	Koshko Brothers Coal Co. *	Robert M. Koshko	Clarence
31	Kowalczyk Brothers Coal Co.	Andy Kowalczyk	Madera
28	Kozak Coal Co.	Patricia Kozak	Conemaugh
20	Kozola Brothers Coal Co.	Rudolph Kozola	Boswell
4-12	Krach & Gearhart Coal Co. *	George Krach	DuBois R.D.1
8	Krause Estate, Jay Lee *	Sherman Krause	Osceola Mills
12-27	Kraynak & Sons Coal Co., George	Thomas Kraynak	Glen Campbell
32	Kreger, Charles	Charles Kreger	Confluence
19	Krevokuck Coal Co.	Paul Krevokuck	Hutchinson
6	Krise Coal Co. *	George Mickey	Pleasantville
8-27	Kristianson & Johnson Coal Co., Inc. *	Halden Johnson	Lanse
25-30	Krolick Coal Co.	Andrew Krolick	Blairsville
31	Krolick Coal Co., John	John Krolick	Leontes Mills
7	Kukenberger Coal Co., John	John Kukenberger	Johnstown
7	Kukenberger Coal Co., Victor	Victor Kukenberger	Johnstown R.D.3
27	Kuhn Coal Co., Sarah	Harold Kuhn	Utahville
11	Munns, John H.	John H. Kuhns	Latrobe
11	Kurtak, Michael *	Michael Kurtak	Pittsburgh 26
11	Kutsenkow Coal Co., Helen E. *	George Kutsenkow	Clairton
11	Kutruff Coal Co.	Harold Kuttruff	Flinton R.D.
11	Kutsch Coal Co.	R. J. Kutsch	Sarver R.D.2
11	L. & B. Coal Co. *	Raleigh Barnett	Watefall
2	L. & E. Const. & Equip. Co., Inc. *	Leon L. Echnoz	Kittanning
24	L. & H. Coal Co.	William H. Harrison	Jerome
11	L. & R. Coal Co.	Jesse Chappell	Lloydell
11	Lake Erie Mining Enterprises, Inc. *	Samuel Sorvillo	Youngstown, Ohio
11	Lancaster Coal Co.	Joseph Rozic	Butler R.D.7
27	Lansberry Coal Co., Geynet *	Geynet Lansberry	Woodland
15	Lantzy Coal Co., Inc.	Urban Lantzy	Soangler
10-25	Lanzendorfer Trucking Co.	George Lanzendorfer	Twin Rocks
11-27	Larson & Emanuelson	Raymond Larson	Kylertown
17	Lash Coal Co., Joseph & George	Joseph Lash	Curwensville
20	Laskey Construction Co. *	Stanley Laskey	Johnstown
17	Laspina Coal Co. *	Samuel Laspina	Jeannette
15	Lastchance Coal Co.	James Emerick	St. Benedict
18	Latosky, Frank	Frank Latosky	Morann
1	Latrobe Construction Co. *	B. Ferrari	Latrobe
15	Laurel Hill Coal Co.	Oscar Lowmaster	Barnesboro
18	Laurel Ridge Coal Co.	James I. Smith	Altoona
8	Laurel Run Coal Mining Co.	O. B. Borger	Moshannon
11	Laurel Valley Coal Co.	John S. Bottegall	Seward
2	Lauster Coal Co., Roy	Roy Lauster	Kittanning
30	Lauver & Sons, C. E. *	Robert E. Lauver	Soangler
30	Lawhead Coal Co.	Earl G. Jones	New Florence R.D.2
7	Lawrence Brothers Coal Co.	Frank Lorence	Hoooversville
18	Lazor & Lazor	Andrew Lazor	Defiance
25	Leasure Brothers Coal Co. *	Kenneth Leasure	Clymer
12	Leasure Coal Co.	John L. Leasure	Rochester Mills
16-21	Leckrone Coal & Coke Co.	Earl Hines	Smithfield
21	Lee Coal Co., Inc.	Abraham Lee	Morgantown, W. Va.
2-14	Leechburg Mining Co.	J. O. Maher	Leechburg
21	Leneskie Coal Co.	Charles Leneskie	Dilliner
24	Leppert Coal Co., Fred D.	Fred D. Leppert	Central City R.D.1
11	Lewis Coal & Coke Co.	J. P. Boyle	Kingwood, W. Va.
21	Lichanec, Michael	Michael Lichanec	Ford City
20	Lincoln Quemahoning Co.	John A. Popernack	Somerset
31	Lingle Coal Co. *	Emerson A. Amon	Shawville
16	Lingo & Clemmer	John Lingo	Point Marion
18	Link, Herman	Herman Link	Dysart R.D.
18	Link Coal Co.	Herman Link	Dysart R.D.
15	Lipnic Colliery Co.	Edwin Lipnic	Carrolltown
5	List Mining Co. *	Walter F. List	Slippery Rock
2	Lockard Coal Co.	George Lockard	Avonmore
6	Lonely Coal Co.	John Karduck	Portage
11	Long, Robert C.	Robert C. Long	Latrobe R.D.2
20	Long, Robert G. *	Robert G. Long	Central City
19-22	Long Coal Co. *	Samuel N. Long	Scottdale
11	Losier Brothers Coal Co.	Clarence Losier	Blairsville R.D.3
16	Lowery Coal Co. *	Albert Lowery	Uniontown
15	Lubert Coal Co.	Frank Lubert	Hastings
15	Lubert Coal Co.	Joseph Lubert	Hastings
20	Luce & Kowaleski	Thomas Luce	Somerset
21	Lucia, Patsy A.	Patsy A. Lucia	Fairchance
18	Lumpy Coal Co.	Harold J. Barber	Defiance
2	Lumsted Coal Co., Inc. *#	Ernest Smith	Kittanning

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4	Lundblad, Rudolph	Rudolph Lundblad	Westville
11	Lyda Coal & Land Co.	W. J. Lyda	Blacklick
12	Lydic, Jesse	Jesse Lydic	Glen Campbell
30	Lydick Coal Co.	Dale W. Lydick	Homer City
30	Lynch, Thomas E.	Thomas E. Lynch	Seward
32	Lyons, Irvin	Irvin Lyons	Rockwood
32	Lytle, H. A.	H. A. Lytle	Confluence
28	Lyttle Coal Co.	Pershing Lyttle	Nanty Glo
26	M. & E. Co. *	Edward L. Phillips	New Cumberland, W. Va.
32	M. & F. Coal Co.	Harry Trimpey	Markleton
4	Mac Coal Co. *	Dail McLaughlin	Sligo
17	Mac Coal Co. *	Carlo Teodori	Pittsburgh 19
17	Maglich Coal Co. *	Joseph Maglich	Imperial
25	Magnani Coal Co.	Oscar F. Magnani	Robinson
21	Malden Mining Co.	Roy R. Brown	Morgantown, W. Va.
13	Malinsky, Carl	Carl Malinsky	Greensboro R.D.1
16	Malinsky Coal Co.	Carl Malinsky	Martin
31	Maney Coal Co., Homer *	Homer Maney, Jr.	Phillosburg
24	Manges Coal Co.	Clair E. Manges	Central City
8	Maple Hill Coal Co. *	Ashley Rowles	Clearfield
18	Marble Coal Co.	Lawrence Miller	Langdondale
14	Marco Coal Co.	Peter Marco	Apollo
25	Marion Center Mining Co. *	Clair Kinter	Marion Center
2	Markle-Bullors Coal Co.	Joseph Bullors	Mayport R.D.2
25	Marldis Run Coal Co.	Joseph Smelik	Clarksburg R.D.1
6	Marport Coal Co.	Leonard Kilinoski	Portage
17	Marshall, Wilbert F. *	W. F. Marshall	Coraopolis R.D.4
16-23	Marsolino Construction Co.	Elmer Davis	Uniontown
31	Martell Mining Co.	W. B. Martell	Clearfield
16	Martelli Coal Co.	Joseph Martelli	Uniontown
26	Marth, Kiffer & Maxwell	Leroy Maxwell	Avella R.D.1
32	Martin, George A.	George A. Martin	Meyersdale
18	Martin, William H.	William H. Martin	Six Mile Run
24	Martin & Louis Coal Co.	Louis J. Hruska	Johnstown
18	Martin, McIntyre & McKnight	J. Drexel McIntyre	Six Mile Run
24	Martinage Coal Co.	Thomas Martinage	South Fork R.D.1
6	Martindale Coal Co.	Raymond Bruscha	Portage
14	Mateer Coal Co.	Orestes Viatto	Leachburg
22	Mathies Coal Co.	R. D. Lauder	Finleyville R.D.2
5	Mathieson, Thomas B. *	Thomas B. Mathieson	Grove City
12	Matthews Coal Co., Inc. *	John H. Matthews	Grampian
5	Mattish Mining Co. *	George Mattish	Edinburg R.D.1
12	Mauer Coal Co.	William M. Mauer	Punxsutawney R.D.4
4	Mauersberg, Kenneth & Gerald *	Robert J. Mauersberg	Sigel
12	Maxim Coal Co. *	Mike Maxim	Punxsutawney R.D.2
28	May Coal Co.	Edgar May	Johnstown
4	Mays Coal Co. *	James A. Mays	Clarion
32	Mazzarella, Angelo *	Angelo Mazzarella	Ebensburg
17	Mazzaro & Son *	Mike Mazzaro	Clinton
4	McCandless, R. F.	Russel F. McCandless	Riversburg
3	McCanna, C. D.	C. D. McCanna	Kittanning
20	McClemens Brothers	Ross McClemens	Somerset
30	McClinsey, Lewis	Lewis McClinsey	Shelots R.D.3
19	McClintock Coal Co.	Ralph McClintock	Irwin
15	McCombie Coal Co.	William McCombie	Spangler
30	McCracken, Daniel	Daniel McCracken	West Lebanon
16	McCusker Brothers	James McCusker	Smithfield
3	McDougal Coal Co.	Clarence McDougal	Slippery Rock R.D.4
18	McGuire Coal Co.	F. B. Robbins	Ashville R.D.
8	McHenry & Zimmerman Coal Co.	Emmet McHenry	Houtzdale
4-31	McIntosh Coal Co. *	D. W. McIntosh	DuBois
2	McKay Coal Co., Roid	Roid McKay	Mahoning
25	McKee Coal Co.	Ernest McKee	Marion Center
32	McKenzie, Lee	Lee McKenzie	Berlin
8	McLaughlin, F. W. & A. P.	F. W. McLaughlin	Snow Shoe
17	McQuiston Coal Co. *	Merritt McQuiston	New Castle
25	Mears Coal Co. *	Edward Mears	Marion Center R.D.1
18	Meck, Elmer	Elmer Meck	Six Mile Run R.D.
19	Medic Coal Co.	Martin Medic	Claridge
28	Meegan Coal Co.	Leonard Conigy	Ebensburg
5	Mellon, Paul *	Paul Mellon	Mercer R.D.6
16	Menallen Coke Co. *	Max Nobel	New Salem
32	Merrill Brothers Coal Co. *	Howard E. Merrill	Garrett
32	Merrill Sons & Co., W. A. *	Charles A. Merrill	Garrett
16	Merryman, H. J.	H. J. Merryman	Farmington

District	Operator	Gen'l Superintendent	Address
21	Mesich & Greenwood Coal Co.	Steve Mesich	Greensboro
7	Meske Coal Co.	William C. Meske, Jr.	Johnstown R.D.3
30	Metalla Coal Co.	Frank Metalla	Homer City
19	Metz Coal Co.	Charles Metz	Wyano
21	Meucci Coal Co.	Armand J. Meucci	Uniontown
8	Meyer, G. W. & W. D. *	Boyd Houck	Philipsburg
27	Meyer Coal Co., J. Bruce	J. Bruce Meyer	Clearfield
15	Mietus Coal Co.	John Mietus	Barnesboro
4	Miknis, Charles	Charles Miknis	DuBois
24	Milavec Coal Co.	Andrew Milavec	Cairnbrook R.D.1
4	Miller, C. F.	C. F. Miller	Mayport
16-21	Miller, Edward G. *	Edward G. Miller	Smithfield
11	Miller, Ellis	Ellis Miller	Ligonier R.D.2
32	Miller, Evan J.	Evan J. Miller	Meyersdale
12	Miller, Fred	Fred Miller	Anita
18	Miller Brothers Coal Co.	Randall W. Miller	Glasgow
32	Miller Brothers Coal Co.	William Miller	Rockwood
31	Miller Coal Co. *	John E. Miller	Kersey
12	Miller Coal Co., Howard	Howard Miller	Anita
22	Miller Coal Co., James O.	James O. Miller	Finleyville R.D.
16	Miller Coal Co., John	John N. Miller	Mill Run
16	Miller Coal Co., Joseph A.	Joseph A. Miller	Ohioople
32	Miller Construction Co.	Howard R. Miller	Salisbury
4	Miller & Evans	Wilmer Miller	Fairmount
3-5	Miller & McKnight Coal Co. *	Charles F. Miller	Slippery Rock
17	Miller & Son Coal, R.	R. M. Miller	Ellwood City
14	Millertown Coal Co.	Nick Giovanelli	New Kensington
12	Mills, William	William Mills	Punxsutawney R.D.3
8	Milsom Coal Mining Co.	Thomas J. Milsom	Philipsburg
4-27	Minds, J. Arthur *	J. Arthur Minds	Ramey
18	Minersville Coal Co.	Daniel Williams	Dudley
10	Mining & Development Partnership	Steve Tutko	Gallitzen
4	Minns Coal Co. #H	A. C. Williams	Reynoldsville
20	Mitchell & Fitzgerald	Ralph Mitchell, Jr.	Friedens
21	Molnar Brothers Coal Co.	Michael N. Molnar	Morgantown, W. Va.
21	Molnar Coal Mining Co., Inc.	Michael N. Molnar	Morgantown, W. Va.
12	Monnie, S. C. *	S. C. Monnie	Glen Campbell
12	Monoskey, Peter	Peter Monoskey	Rossiter
14	Montenari Coal Co., V.	Fred Montenari	Pittsburgh 35
13	Montgomery, Lewis	Lewis Montgomery	Waynesburg R.D.2
3	Montgomery & McKean Dillman	Michael E. McKean	Slippery Rock
17	Montour Valley Coal Co. *	Samuel H. Davis	Imperial
23	Moon & Sons, Inc. *	Melvin T. Moon	Isabella
20	Moore, Irvin W.	Irvin W. Moore	Friedens
17	Moore, Ralph K. *	R. K. Moore	Beaver Falls R.D.1
12	Moore Coal Co., Everett *	John Moore	Punxsutawney
8	Moore & Son, W. G.	H. S. Moore	Philipsburg
25	Moose & Johnson Coal Co.	Percy Moose	Nanty Glo
31	Moose Run Coal Co.	Patsy Palumbo	Weedville
21	Moreland Coal Co.	Harley Moreland	Point Marion
25	Morrisdale Coal Mining Co., The	Hugh Ellis	Morrisdale
25	Morrone Coal Co. *	Joseph Morrone	Indiana R.D.4
19	Morvin Coal & Development Co. *	Frank Tomajko	Adamsburg
32	Mosgraves, John H.	John Mosgraves	Meyersdale
31	Mohannon Falls Mining Co., Inc. *	J. Richard Woolridge	Clearfield
32	Mosholder, Harry	Harry Mosholder	Rockwood
7	Mostoller Coal Co., Leonard	Leonard Mostoller	Friedens R.D.1
15	Mountain Top Coal Co.	Herluf Pedersen	Barnesboro
7	Muccioli Coal Co.	Alfred Muccioli	Johnstown
18	Mule Shoe Coal Co.	Paul A. Tutko	Gallitzen
20	Mull Coal Co., H. C.	H. C. Mull	Listie
12	Murone Coal Co., Agnes	John Murone	Reynoldsville R.D.3
32	Murphy, Lewis *	Lewis Murphy	Mt. Pleasant
4	Myers, Neuland	Neuland Myers	Sligo
31	Myers Coal Co., Alfred	Alfred Myers	St. Marys
15	Myers & Son Coal Co.	William Myers	Carrolltown
2	Nadine Coal Co. *	L. Earl Cravener	Kittanning
21	Nalvanko Coal Co.	George Nalvanko	Dunbar
3	Nashua Coal Co. *	Frank Malinosky	McDonald
3	Nastasi Coal Co.	James Nastasi	Butler
5	Natco Corp. *	A. E. Shaw	Pittsburgh 22
23-29	National Mines Corp.	G. M. Rigg	Isabella
17	National Steel Corp. *	Frank Skrypak	Weirton, W. Va.
7	Nau Coal Co., Edward	Edward Nau	Johnstown
12	Neal Brothers Coal Co.	K. A. Neal	Rossiter
25	Neal Coal Co.	Quay Neal	Dixonville

District	Operator	Gen'l Superintendent	Address
12	Neely, David M.	David M. Neely	Glen Campbell
5	Negley Fire Clay Co. *	Henry F. Schlueter	New Galilee
27	Netterblade & Almagreen Coal Co.	Paul G. Almagreen	Morrisdale R.D.
18	Neuder Coal Co.	Eldon Neuder	Dudley
10	New Hope Coal Co.	Joseph Wilk	Lilly
31	New Shawmut Mining Co. *	John Palumbo	St. Marys
32	Newman, J. W.	J. W. Newman	Salisbury
32	Nicholson, Morris	Morris Nicholson	Confluence
20	Nicholson, P. O.	Peter O. Nicholson	Markleton
23	Nicholson, Weldon	Weldon Nicholson	Normalville
25	Niehenke Coal Co.	Eugene Niehenke	Indiana
18	Nimchishin, Mike	Mike Nimchishin	Saxton R.D.
30	North American Coal Corp.	Otes Bennett	Seward
15	North Cambria Fuel Co. *	L. P. Strittmatter	Patton
17	North Sewickley Coal Co. *	William Hummel	Beaver Falls R.D.2
17	North Star Coal Co. *	J. T. Federoff	Pittsburgh 22
25	O. & H. Coal Co.	Walter Oblov	Clymer R.D.
8	Oak Grove Coal Co. *	Hugh Ellis	Morrisdale
6	Obreza Coal Co.	Anthony Obreza	Windber
21	O'Brien Coal Co.	Thomas O'Brien	Milliner
28	Odda Coal Co.	Philip Odda	Nanty Glo
24	Ogletown Coal Co.	John Desort	Windber R.D.
32	Ohler Coal Co.	John A. Ohler	Meersdale
2	Oliver Coal Co.	Raymond S. Oliver	Salisbury
19	Oliver Coal Co.	Marv Bodnar	Salisbury
3	One Time Coal Co.	Thomas Chiappini	Hillsmans
27	Opalicky Coal Co., Mott	Mott Opalicky	Smoke Run
12	Orf Coal Co., Leon E.	Leon E. Orf	Dayton R.D.
20	Orha, Anna	Anna Orha	Paumotu
19	Orisik Coal Co.	Frank Orisik	Smithton
8	Orlando, Dominick *	Albert Orlando	Phillipsburg
14	Orlowski Coal Co.	John Orlowski	E. Wintercroft
8	Osceola Supply Co. *	Gerald R. Dien	Osceola Mills
24	Ott Coal Co.	Dewey Ott	Windber R.D.
11	Overly, L. W. *	L. W. Overly	Wt. Pleasant R.D.
14	Owens Coal Co.	Todd Owens	Knoll
31	Owens Coal Co., S. F.	S. F. Owens	Lacombes Mills R.D.
27	Owens Mining Co.	Joseph Owens	Lacombes Mills
13	P. & A. Coal Co.	Paul Dzjak	Fredericktown
31	P. & K. Coal Co., Inc. *	Valcolm Campbell	Pitts. Lehigh
2	P. & L. Coal Co. #	Peary Farester	Pitt City
21	P. & W. Coal Co.	Benny Pierce	Ashe
12-25-31	P. & N. Coal Co., Inc. #	D. J. White	Lanau
18	P. & P. Coal Co.	Elmer Pertenati	Lehmanville R.D.
20	P. & P. Coal Co. #	Steve Percherke	Stovestown
8	Padisak, Joseph A. *	Joseph A. Padisak	Lawrence
21	Palya Coal Co.	Frank Palya	Johnstown
15	Panaro Brothers Coal Co.	A. Panaro	Barnesboro
7-28	Park Hill Coal Co.	Edward Modio	Park Hill
1	Partazana Coal Co., Louis *	Louis Partazana	Charlton R.D.
31	Parziale Coal Co., Carmen	Carmen Parziale	Lehmanville
4	Pascaret, James *	James Pascaret	Torctica
31	Passmore Coal Co., Fred	Fred Passmore	Meatland
19	Paterline Coal Co.	Peter Paterline	Smithton
6	Patishnock, George	George Patishnock	Snow Shoe
15	Patton Clay Manufacturing Co.	Alfred Kline	Patton
15	Patton Clay Manufacturing Co.	Joseph Shero	Carrolltown
20	Paul Coal Co.	V. R. Paul	Stovestown
20	Paul Coal Co., V. R	V. R. Paul	Stovestown
30	Pauline Coal Co.	James Coleman	Salisbury R.D.1
19	Paulisick Coal Co. *	Peter Paulisick	Export
6	Paulson Coal Co.	Steve Paulson	Windber
17	Pawlosky Coal Co.	Tony Pawlosky	Hickory R.D.1
1	Pazer-Davis Coal Co.	Victor Pazer	Bentleyville R.D.
24	Peacock Mining Co. *	Darl J. White	Indiana
8	Pedokus, C. J.	C. J. Pedokus	Renova
15	Peles Brothers Coal Co. *	Nestor Peles	Glen Campbell
12	Peles Coal Co., John	John Peles	Glen Campbell
24	Pelesky Coal Co. *	Michael Pelesky	Jenners
8-27	Penbrook Contracting Corp. *	William E. Crum	Clearfield
11	Penessi Coal Co.	Louis Penessi	New Derry
3	Pengrove Coal Co. *	H. N. McCoy	Grove City
12-31	Penn State Coal Co. *	M. H. Hartzfeld, Jr.	DuBois
12	Pennington, Archie	Archie Pennington	Glen Campbell
6-30	Pennsylvania Coal & Coke, Div. of Fairbanks Whitney Corp.	Russell Herby	Cresson

District	Operator	Gen'l Superintendent	Address
17	Fennell Construction Co. *	Frank Skrypak	Weirton, W. Va.
17-26	Fennwa Coal Co. *	J. E. Clark	Burgettstown
31	Fenoyer & Co., D. C. *	D. C. Fenoyer	Clearfield
3	Percival, Paul *	Paul Percival	Canton R.D.
3-5	Perry Ross Coal Co. *	Anthony Perry	Sharon
15	Pershing Coal Co.	Earl S. Pershing	Barnesboro
28	Petree Coal Co.	Albert Petree	Johnstown
24	Petrowski Coal Co.	Vaclaw Petrowski	Johnstown
1	Pfile Coal Co., Walter S.	Walter S. Pfile	Charleroi
11	Phemister, H. I.	H. I. Phemister	Latrobe
10-21	Phillips Coal & Coke Co. *	Lindsey Phillips	Uniontown
3-5	Platt & Craig Coal Co. *	John E. Platt	New Castle
17-23	Piccolomini, William *	William Piccolomini	Connellsville
13	Pickands, Mather & Co.	J. A. Brookes	Cleveland 14, Ohio
12	Piekielek Coal Co., Julia E.	Frank Piekielek	Punxsutawney R.D.5
1	Pieraccioli Coal Co., Eugene *	Eugene Pieraccioli	Monongahela
12	Pierce Coal Co., Anna	William Pierce	Rossiter R.D.1
11-17-19-26	Pittsburgh Coal Co., Div. of Consolidation Coal Co. *	J. L. Rozance	Library
24	Pittsburgh-Summit Coal Co. *	M. H. Bigan	Windber R.D.1
20	Pleasant Hill Coal Co.	John Kotrick	Friedens
4	Pleasant Valley Coal Co. *	B. T. Gosetti	Shippenville
1	Fletcher Coal Co.	Clarence Pletcher	Scottdale
1	Plum Creek Coal Co., Inc. *	Williard Kimmel	Shelock
30	Pohuski, Charles	Charles Bernini	Black Lick
27	Pollisino & Krause Coal Co. *	Lee E. Krause	Oseola Mills
14	Pontorero & Sons Coal Co. *	Paul Pontorero	Masontown
11	Porch, Carl E.	Carl E. Porch	Acme R.D.1
7	Potochar & Potochar Coal Co.	John Potochar	Hooversville
1	Potoka Coal Co.	Steve Potoka	Tarrs
7	Powell Coal Co., Anson	Anson Powell	Stoystown R.D.2
17-27	Powell Coal Co., C. E. *	A. W. Lewis	Blandburg
2	Powell Coal Co., Inc.	James N. Hosey	Rimersburg
15	Press Coal Co.	Michael Pysz	Barnesboro
15	Presto Coal Co.	Frank Presto	Alverda
6	Primovich & Permisky Coal Co.	Paul Primovich	Lloydell
23	Primrose Mining, Inc. *	Blain Hess	Dixonville
6	Prosoect Coal Co.	Robert Chappell	Portage
14	Protz Brothers Coal Co. *	John Protz	Elizabeth
6	Prozialeck Coal Co.	Walter Prozialeck	Dunlo
12-25	Purchase Line Mining Co., Inc. *#	Charles Lewis	Dixonville
3	Putman & Greene, Inc. *	O. T. Shingledecker	Phillipsburg
7	Pysnyk Coal Co.	Jacob Pysnyk	Cairnboro
22	Q. & R. Coal Co. *	Ermini Guattrone	Monongahela R.D.3
27	Quier Coal Co.	Earl Freeman	Hyde
21	R. & E. Coal Co.	Andrew Rerko	Smithfield
6	R. & J. Coal Co.	John Thomas	Portage
15	R. W. & C. Coal Co.	Edward B. Cain	Indiana
4	R. & R. Coal Co.	Richard Radaker	Rimersburg
15	R. & S. Coal Co.	Hersial Ruml	Spangler
21	R. & S. Coal Co.	William Radacic	Dilliner
25	R. T. C. Coal Co. *	Roco Yanity	Indiana
31	R. & U. Coal Co.	Frank Urbanick	Clarence
12	Rainey Coal Co. *	Jack Rainey	Mahaffey
25	Ramage Coal Co., Vaughn	Vaughn Ramage	Creekside R.D.1
18	Ramsey & Son, Raymond	Raymond Ramsey	Riddlesburg
12	Ramseytown Coal Co.	John Voyten	Knoxdale
27	Ransford Coal Co.	Ransford Marshall	Madera
25	Ratay Coal Co.	Charles Ratay	Heilwood
25	Ratay Coal Co.	Edward Ratay	Heilwood
19	Rathgeb & Gorr Coal Co. *	J. W. Rathgeb	Bunola
13	Rattigan Coal Co.	John Rattigan	Waynesburg R.D.2
17	Rawding Coal & Clay Co. *	H. S. Rawding	Beaver Falls
26	Rea Coal Co.	Joseph Jiblets	Canonsburg
27	Rear Coal Co., Lloyd & Earl	Earl M. Read	Clearfield
12	Red Gap Coal Co. *	Frank Gardner, Sr.	Glen Campbell
18	Red Ridge Coal Co. *	Frank L. Zeigler	Barnesboro
4	Reed, Frank	Frank Reed	Clarion
8	Reed, John	John Reed	Houtzdale R.D.
4	Reed Coal Co., Earl M. *	Earl M. Reed	New Bethlehem
4	Reed Contractors & Co., Inc., E. M. *	Earl M. Reed	New Bethlehem
18	Reed & Son, Warren H.	Warren H. Reed	Dudley
8	Reese Brothers Coal Co.	James B. Reese	Houtzdale
5	Reese Coal Co.	Samuel J. Reese	New Castle
31	Reese Coal Co., Philip *	Philip Reese	Karthaus

District	Operator	Gen'l Superintendent	Address
12	Reesman & Powell Coal Co.	Harvey Reesman	Punxsutawney
18	Reilly Coal Co.	John Reilly	Utahville R.D.
4	Reitz, Dawson *	Dawson Reitz	Mayport
24	Reitz Coal Co.	J. E. Rohr	Central City
2	Repak, Louis J.	John Repak	Ford City
9-11-29	Republic Steel Corp.	J. N. Hedding	Uniontown
28	Ressler Coal Co.	Harry Ressler	Vintondale
15	Revak Coal Co.	Steve Revak	Hastings
18	Reynolds, W. E. *	W. E. Reynolds	Fallen Timber R.D.
8	Rice Brothers Coal Co. *	Max Rice	Philipsburg
8	Rice Coal Co., Inc., John *	H. John Rice	Philipsburg
20	Rice Coal Co., Inc., Carl	Carl Rice	Stoystown
15	Rich Hill Coal Mining Corp.	James Froggalt	Hastings
18	Richards, Kenneth G. *	Kenneth G. Richards	McConnellsburg
2-3	Richards Coal Co. *	R. H. Richards	Bruin
7	Richards Coal Co.	Harry Richards	Central City R.D.1
30	Richards Run Coal Co., Inc.	Peter Havrilla	New Florence R.D.1
24	Richland Coal Corp.	Edgar E. Frank	South Fork R.D.1
18	Rickard Coal Mining Co.	Blair E. Rickard	Fallen Timber
12	Riddle Brothers Coal Co.	George Riddle, Jr.	Gramplan
12-27	Riddle Coal Co., George	Charles McKeown	Gramplan R.D.
32	Ridge Coal Co.	Dale Custer	Berlin
7	Ripple Coal Co.	Mary Ripple	Johnstown
31	Rishel & Menear Coal Co.	Robert Rishel	Clearfield
18	Ritchey Brothers Coal Co.	Clyde Ritchey	Six Mile Run R.D.
27	Ritchie & Croft Coal Co.	Melvin Croft	Philipsburg
19	River Coal Co.	Stephen Roszak	Suterville
8-27-31	River Hill Coal Co. *	C. A. Rydberg	Kylertown
18	Roberts, Dominick	Dominick Roberts	Altoona
32	Robertson, W. A.	W. A. Robertson	Meyersdale
17	Rocchio & Kiger Const. Co. *	Walter Kiger	Joffre
2-25-30	Rochester & Pittsburgh Coal Co. *	W. J. Shields	Indiana
6	Rock Tunnel Coal Co.	William Kleman	Portage
8	Rodkey Coal Co.	Andrew Rodkey	Brisbin
18	Rohm Coal Co.	Russell Rohm	Six Mile Run
32	Romesburg, Dennis	Dennis Romesburg	Confluence
7	Rose Coal Co., Elmer	Elmer Rose	Stoystown R.D.2
7	Rosey & Putman Coal Co.	Herman Rosey	Somerset R.D.2
4	Rosio, Michael J. *	James Rosio	DuBois
22	Rostosky Brothers *	Joseph Rostosky	Monongahela R.D.3
8	Rougeux, Trimpey & Rougeux Coal *	Norman Rougeux	Karthaus
15	Rounsley Coal Co.	Harold Rounsley	Barnesboro
27	Rowles Coal Co., Harvey	Harvey Rowles	Olanta R.D.1
27	Roy Coal Co., Inc. *	Roy Mays	Olanta
16	Ruane Coal & Coke Co.	James L. Ruane	Fairchance
8	Ruffner Coal Co.	James E. Ruffner	Madera
19	Ruffsedale Coal Co., Inc.	John P. Morgan	Ruffsedale
28	Rummel Coal Co.	Carl Rummel	Vintondale
26	Rupani Coal Co. *	Armand Rupani	Burgettstown R.D.2
12-27	Ryan Brothers Coal Co. *	Maurice E. Ryan	Clearfield
31	Rydesky Coal Co., John *	John Rydesky	Emporium
27	S. Coal Co.	Stanley Brandrowsky	Coalport
27	S. C. & S. Coal Co. *	Thomas Shaw	Osceola Mills
27	S. F. & V. Coal Co.	John Saupp	Smith Mills
12	S. & I. Coal Co. *	Robert S. Ishman	Summerville
2	S. & R. Coal Co. *	James E. Reichard	New Bethlehem
8	S. & T. Coal Co. *	Donald E. Smith	Centre Hall
21	S. & T. Coal Co.	John Smith	Lake Lynn
19	S. & U. Coal Co.	Stanley Skeloski	Wyano
16-21	Sabatine Coal Co. *	Emmet Sabatine	Uniontown
20	Sager, Harry A.	Harry A. Sager	Friedens
1	Sager Coal Co., H. L.	H. L. Sager	Belle Vernon R.D.1
22	Sall-Ray Coal Co., Inc.	Raymond Schweinberg	Homestead Park
7	Salla Coal Co., John	John Salla	Johnstown
3	Salzano Ross Coal Co.	Nick Ross	New Castle
13	Samac Coal Co.	Walter Samac	Carmichaels R.D.1
2-4	Samm Coal Co. *	Ray W. Martz	Hawthorne
22	Sanbrac Coal Co. *	Joseph Bracco	Ventia R.D.1
22	Sanders Brothers Coal Co., Inc.	Daniel Sanders	Clairton
19	Sandrick Coal Co.	Michael Sandrick	Irwin
32	Sanner, Merle	Merle Sanner	Rockwood
32	Sanner Brothers Coal Co.	Robert Sanner	Rockwood
7	Sarlonis Coal Co., Robert	Robert Sarlonis	Johnstown
31	Sarnosky Sons, Walter	Walter Sarnosky	Weedville
20	Sarver, E. H.	E. H. Sarver	Fiedens

District	Operator	Gen'l Superintendent	Address
3	Sarver Coal Co.	Peter Novotny	Saxonburg R.D.1
3	Saul & Williams Coal Co.	Reed Saul	Evans City R.D.2
25	Saver Brothers Coal Co. *	Joseph Saver	DuBois
20	Saxman Coal & Coke Co., The	J. E. Kimmel	Quecreek
8	Schnars Coal Co., R. H.	R. H. Schnars	Philipsburg
2	Schreckengost Coal Co., Lawrence	Lawrence Schreckengost	New Bethlehem
23	Schroyer, Lewis G.	L. G. Schroyer	So. Connellsville
18	Scott Brothers Coal Co.	John Scott	Blandburg
32	Scurfield, W. E. *	W. E. Scurfield	Berlin
11	Seanor Coal Co.	Joseph E. Smith	Saltsburg
18	Seguin Coal Co.	W. A. Campbell	Fallen Timber R.D.
19	Sekora Coal Co. *	John Sekora, Jr.	Greensburg
11	Sekoras Coal Co.	John Sekora, Jr.	Greensburg R.D.3
29	Sekora Corp.	P. J. Sekora	Gibsonia R.D.5
24	Seliga Coal Co., Edward J.	Edward J. Seliga	Windber
4	Selker Coal Co.	James Selker	Shippenville
27	Semple Coal Co. *	Clair Semple	Utahville
19	Senor Coal Co., Inc. *	Lenzino Lenzi	Monongahela
8	Seprish & Urbanick Coal Co. *	Joseph Urbanick	Snow Shoe R.D.
19	Sewickley Coal Co.	A. L. Cambuzzi	Darragh
24	Shade Coal Co.	Emil R. Levor	Central City
32	Shaffer, Earl H.	Earl H. Shaffer	Somerset
24	Shaffer Coal Co., Myron *	Myron Shaffer	Windber R. D.
12	Shaffer Coal Co., R. L.	R. L. Shaffer	Brookville
32	Shaffer & Klink	Nevin Shaffer	Meyersdale
24	Shaffer & Sons Coal Co., I.	Dean G. Shaffer	Windber
32	Shaffer, Nevin	Nevin L. Shaffer	Meyersdale
23	Shallenberger, Wm. & Harry	William Shallenberger	Scottdale R.D.1
7	Shank Coal Co., Albon C.	Albon C. Shank	Johnstown
2	Shannock Coal Co.	Beryl C. McGaughey	Dayton
2	Shannon, Chester	Chester Shannon	Kittanning
19	Shauf, Lloyd	Lloyd Shauf	Hopewell
20	Shaulis, Ernest E.	Ernest E. Shaulis	Somerset
7	Shaw Coal Co., Kenneth A.	Kenneth A. Shaw	Johnstown
31	Shawville Coal Co. *	James Hudson	Clearfield
6	Sheesley Coal Co. *	Patsy Corvi	Bolivar
24	Sheesley's Minerals, Inc. *	Patsy Corvi	Bolivar
15	Shehan, Edward	Edward Shehan	Three Springs
12	Shema, John	John Shema	DeLancey
25	Shenango Furnace Co.	James McCracken	Pittsburgh 30
16	Sherbine, Lawrence *	Lawrence Sherbine	Wilmore
15	Shero & Dumm Coal Co. *	Joseph Shero	Carrolltown
25	Shick Coal Co. *	A. C. Shick, Jr.	Starford
3	Shields Coal Co.	Ernest Shields	Slippery Rock R.D.2
15	Shilling Coal Co.	John Shilling	Hastings
12	Shiock, Carl	Carl Shiock	DeLancey
2	Shoemaker, Karl & Paul	Karl Shoemaker	New Bethlehem
2	Shoffner, Max E.	Max E. Shoffner	Kittanning
18	Shomo Coal Co., Clair E.	Clair E. Shomo	Fallen Timber
32	Shroyer, Bruce	Bruce Shroyer	Hyndman
24	Shuster Coal Co.	John Shuster	Windber
22	Sitten & Brunazzi	Joseph Sibben	Sutersville
31	Sidelinger Coal Co., George	George Sidelinger	Byrnesdale
4	Siegel Coal Co., Harold A. *	Harold A. Siegel	Clarion
22	Siler Coal Co.	Vincent Siler	Clairton
29	Simpson Coal Co.	Walter Simpson	Cheswick R.D.1
22	Sims Coal Co.	Wilbert L. Sims	Venetia
25-30	Sinclair Coal Co. *	Wesley W. Sinclair	Punxsutawney
25	Sipos Coal Co.	Joseph Sipos	Homer City
3	Sisco Coal Co.	Charles Sisco	Hilliards R.D.1
24	Six Foreman Coal Co., Inc.	James R. Fetters	Central City
20	Skeria, Charles	Charles Skeria	Friedens
15	Slant Coal Co.	J. Schall	Hastings
21	Slater & Caldwell Coal Co.	Charles G. Caldwell	Bobtown
32	Slifco Brothers *	John Slifco	Berlin
28	Slifco Coal Co.	Steve Slifco	Nanty Glo
31	Slyder Coal Co., S. Brake *	S. Brake Slyder	Emporium
31	Smart & Maholtz Coal Co.	John Maholtz	Penfield
11	Smith, C. E. *	C. E. Smith	Latrobe R.D.1
2	Smith, J. Merle *	J. Merle Smith	Avonmore
12	Smith, Percy	Percy Smith	Punxsutawney R.D.5
2	Smith Coal Co.	Elvin Snyder	Timblin
25	Smith Coal Co.	Doyle Smith	Commodore R.D.1
8	Smith Coal Co., Carl	Carl Smith	Brisbin
31	Smith Coal Co., Edward	Edward Smith	Osceola Mills

District	Operator	Gen'l Superintendent	Address
2	Smith Coal Co., George	George F. Smith	Indiana
12	Smith Coal Co., John	John Smith	Cherry Tree R. D.1
12	Smith Coal Co., Lynn	George Dudek	Arcadia
3	Smith Coal Co., William *	William Smith	Slippery Rock R.D.4
21	Smith Coal Mining Co.	Glenn Smith	Smithfield
2	Smith-Hawkins Coal Co.	Harold P. Hawkins	Kittanning
31	Smith & Rogos Coal Co. *	Ralph Rogos	Brockway
4	Smith & Sons, Farmer *	Former Smith	Reynoldsville
16-21	Smith & Wise Coal Co. *	R. J. Smith	Smithfield
31	Smith & Zindell Coal Co. *	Paul G. Smith	Clearfield
16	Smithfield Mining Co., Inc. *	Homer Moser	Smithfield
12	Smockcheck, Chester A.	Chester A. Smockcheck	Mahaffey R.D.1
20	Snyder, Everett R.	Everett R. Snyder	Markleton
32	Snyder, Wilbur Z.	W. Z. Snyder	Rockwood
2	Snyder Co., C. H. *	C. H. Snyder, Sr.	Cowansville
12	Snyder Coal Co., H. C.	Harold Brocious	Timblin
12	Snyder Coal Co., Russell	Russell Snyder	Timblin
4	Snyder & Son, C. A. *	C. A. Snyder	Falls Creek
19	Soberdash & Adams Coal Co. *	Francis Adams	Connellsville
11-23	Soberdash Coal & Coke Co. *#	Francis E. Adams	Connellsville
27	Socash Coal Co.	William Majeski	Winburne
22	Solar Coal Co. *	George W. Watson	Elizabeth
16	Solomon & Teslovich *	George Solomon	Uniontown
12	Soltis & Sons Coal Co., George	George Soltis	Glen Camdelev
8	Sorgen, Fred W.	Fred W. Sorgen	Renovo
12	Spader Coal Co.	Sandy Spader	Punkstawneve
12	Spencer Coal Co., H. F.	Harlan F. Spencer	Punkstawneve
31	Spencer Construction Co. *	Howard A. Spencer	Clearfield
12	Spencer & Mauk Coal Co.	William G. Mauk	Punkstawneve
11	Spewock, Theodore	Theodore Spewock	Bradenville
15	Sponsky Coal Co.	William Sponsky	Bakerton
22	Sporio Coal Co. *	Paul Sporio	Clairton
8	Srock Coal Co., Albert	Albert J. Srock	Ginter
20	Stahl, Elmer D.	Elmer D. Stahl	Stoystown
19	Stahl Coal Co. *	Everett Stahl	Smithton
4	Stahlman, Frank David, Jr. *	F. D. Stahlman, Jr.	Strattanville
4-12	Stahlman Coal Co., Inc., W. P. *	Dean Rhodes	Corsica
28	Standard Collieries, Inc.	Nino Cotroneo	Johnstown
10	Standard Mining Co.	Charles Salko	Timly
3	Stanford Coal Co.	John D. Oliver	Portersville
31	Starr, Ivan, Jr. *	Ivan Starr, Jr.	Brockport
27	Stasik Coal Co., Julia E.	Thomas Stasik	Coalport
8	Stasko, Michael	Michael Stasko	Clarence
26	State Line Coal Co.	Frank Wallnosky	Avella
24	Steel & Persio Coal Co.	George Steel	Johnstown R.D.4
26	Stefkovich Brothers	Albert P. Stefkovich	Avella R.D.2
8	Stempeck, John	John Stempeck	Blossburg R.D.
15	Sterling Coal Co.	Louis Prelaz	Bakerton
32	Stevanus, Freeman & Edgar	Freeman, Stevenus	Garrett
25	Stewart Coal Co., J. W.	J. W. Stewart	Creekside R.D.1
4	Stiles Co., G. A. *	Kenneth McFarland	Leeder
2	Stilt Brothers Coal Co.	Tomer Stilt	Ford City
7	Stineman Coal & Coke Co.	C. B. Horne	Johnstown
12	Stiver, Emmerson	Emmerson Stiver	Rossiter R.D.
28	Stock Coal Co.	Walter Stock	Mineral Point
12	Stoker Coal Co., Irvan	Irvan Stoker	Lloydell
25	Stonebraker Coal Co.	Herbert Stonebraker	Marion Center R.D.1
30	Straw Coal Co.	Earl B. Straw	West Lebanon
4	Strishock, Stephen A. *	Stephen Strishock	Brockway
2	Strong's Quality Coal Co.	Thomas H. Strong	Shelocta
32	Sturtz, George	George Sturtz	Hyndman
32	Sturtz & Sons	Walter Sturtz	Wellersburg
20	Stutzman, Walter	Walter Stutzman	Friedens
2	Sugar Creek Coal, Inc.	Leo Isacco	Kittanning
3	Sunbeam Coal Corp. *	William L. Harger	Boyers
17	Sunnyside Coal Mining Co. *	A. K. Marsolf	Darlington
5	Surrena Coal Co.	Glenn Surrena	Harrisville R.D.2
30	Sutilla Coal Co. *	William F. Sutilla	Indiana
2	Sutter Coal Co., John	John Sutter	Rural Valley
8	Sutton, John I. *	John I. Sutton	Philipsburg
20-32	Svonavec Coal Co. *	Steve Svonavec	Rockwood
20	Svonavec Coal Mining Co., D.	Donald W. Svonavec	Listie
8	Swancer, William A., Jr.	William A. Swancer, Jr.	Clarence
16	Swaney & Swaney Stripping Operation *	Daniel B. Swaney	Uniontown
20	Swank Coal Co.	Harold C. Swank	Stoystown

District	Operator	Gen'l Superintendent	Address
24	Swank's Sons Coal Co., Hiram	E. E. McGuire	Johnstown
24	Swaynos Coal Co., Joseph	Joseph Swaynos	Windber R.D.1
32	Sweitzer, Robert	Robert Sweitzer	Meyersdale
18	Swope, Lewis	Lewis Swope	Coupon
25	T. L. T. Coal Co.	Henry M. Turnbull	Homer City
11	Tainton & Son *	R. W. Tainton	Jeanette
28	Tanneryville Coal Co.	Alfred Campdon	Johnstown
5	Tasa Coal Co. *	S. A. Kelsey	Grove City
2	Taylor Brothers *	Raymond Taylor	Hawthorne
21	Taylorstown Coal Co.	Frank Bobish	Uniontown
8	Teeter, John E. *	John E. Teeter	Philipsburg
7	Telford Coal Co.	Ray M. Dinning	Stoystown
18	Tenley Coal	Vaughn Tenley	Defiance
5	Testa Brothers, Inc. *	William O. Testa	Stoneboro R.D.2
32	Testa Coal Co.	Albert Testa	Friedens
20	Thermal Coal Mining Co. *	James Hauger	Berlin
32	Thomas, Harvey S.	H. S. Thomas	Confluence
12	Thomas, L. E.	L. E. Thomas	Brookville
18	Thomas, Paul	Paul Thomas	Saxton R.D.
20	Thomas, Samuel	Samuel Thomas	Acosta
12	Thomas Brothers Coal Co. *	Jefferson Thomas	Grampian
12	Thomas Coal Co., Clarence *	Clarence Thomas	Grampian
12	Thomas Coal Co., H. S. *	Ansel Thomas	Grampian
8	Thomas Mines *	Glenn Thomas	Morris
18	Thompson Coal	James Thompson	Dudley
3	Thompson Coal Co.	Robert Thompson	Slippery Rock
8-27	Thompson Coal Co. *	Leroy Thompson	Philipsburg
30	Thompson Coal Co.	George Thompson	Blairsville R.D.1
8	Thompson & Philips Clay Co., Inc. *	Preston Philips	Osceola Mills
32	Tice, Jonas & Monroe	Jonas D. Tice	Boynton
12	Timblin Coal Co. #	Gerald Snyder	Timblin
20	Tirko & Swintosky	Pete Tirko	Hooversville
27	Tishock Brothers Coal Co.	Frank Tishock	Smoke Run
2	Titus Brothers Coal Co.	A. J. Titus	Kittanning
15	Tokarchick Coal Co.	Joseph Tokarchick	Spangler
30	Toman Coal Co.	George P. Toman, Jr.	Latrobe
12	Torrell Coal Co., Mary	Anthony Torrell	Reynoldsville R.D.3
7	Toth Coal Co., John	John Toth	Hooversville
12-24	Toth Coal Co., Steve	Steve Toth	Scalp Level
2-3	Toy Coal Co., Edwin W. *	Edwin W. Toy	Kittanning R.D.3
2	Travis Coal Co., Henry	Henry G. Travis	New Bethlehem
20	Trent Coal Co.	Bruce M. Trent	Friedens
32	Tressler Coal Co.	Harry R. Tressler	Boynton
3-5	Tri-County Fuel Co. *	James O. Anderson	Boyers
18	Troxell, Luther E., Jr.	Luther E. Troxell, Jr.	Blandburg
2	Trudgen Coal Co.	Dale Trudgen	Kittanning
30	Tundu Mining Corp.	John Knapp	Cresson
20	Tunstall & Tressler	Raymond Tunstall	Acosta
12	Turnbull-Hilliard	Irvin Turnbull	Luthersburg
8	Turner, Merlin	Merlin Turner	Munson
5	Turner Brothers Const. Co. *	Clifford H. Turner	Grove City
8	Turner & Sons, W. K. *	Wendall K. Turner	Philipsburg
8	Tutokey, Steve	Steve Tutokey	Hawk Run
22	Twilight Industries, Inc. *	Howard Detwiler	Belle Vernon
25	Two Lick Valley Coal Co.	John Tomasko	Heilwood
13	Tyrol Coal Co.	A. R. Cosnar	Daisytown R.D.1
15-28	Ugoletti Coal Co.	Licinio Ugoletti	Nanty Glo
11	Ulishney Fuel Co. *	Steve Ulishney	Latrobe R.D.3
31	Underhill Coal Mining Co.	A. J. Palumbo	St. Marys
2	Union Coal Co.	Michael Bertetto	Vandergrift
30	United States Bureau of Mines	James J. Dowd	Pittsburgh 13
1-9-13-16	23 United States Steel Corp.	R. C. Beerbower, Jr.	Uniontown
8	Urbanick, Joseph, Sr.	Joseph Urbanick, Sr.	Clarence
24	Valent Coal Co., Joseph	Joseph Valent	Central City
16	Valentine & Tassone Coal Co.	James Valentine	Masontown
1	Valley Coal Co.	George Buerger	Uniontown
2	Valley Coal Co.	Michael Olekseshak	Mars
25	Valley Coal Co.	Edward G. Vehovic	Alverda
21	Valley Bend Coal Co.	Harold A. Lee	Dunkard
21	Valley Point Coal Co. *	Albert Luxner	Carmichaels
8	Vandenberg, Clarence E. *	Clarence E. Vandenberg	Allport
31	Van Horn Coal Co.	Don Van Horn	Falls Creek
27	Vanish Mine, George	George Vanish	Utahville R.D.
3	Vanmac Corp. *	W. P. Vance	Karns City
8	Vaughn Brothers	Grayson Vaughn	Sandy Ridge

District	Operator	Gen'l Superintendent	Address
29	Venter Coal Co., William	William Venter	New Kensington
14	Venturini Brothers Coal Co., Inc.	Torbe Venturini	Vandergrift
5-17	Veon, Inc., R. A. *	Ralph A. Veon	Darlington
12	Verbka Coal Co.	Rudy Verbka	Punxsutawney R.D.5
13	Vernies Coal Co.	John Gonda	Greensboro R.D.1
15	Vermillian Coal Co.	Emil Vermillian	Carrolltown
3	Vicari Coal Co.	Phillip Vicari	Butler
23	Victory Coal Co.	Miller Savage	Belle Vernon
1	Vizza Coal Co., Joseph *	Joseph Vizza	Belle Vernon
21	Volek & McNair Coal Co.	Alex K. Volek	Smithfield
31	Vollmer Coal Co., Lawrence *	Lawrence Vollmer	St. Marys
24	Volpe Coal Co.	Mike Volpe	Windber
20	Volpe, Puckey & Burba	Mike Volpe	Windber
11	Vucish Coal Co.	Paul Vucish	New Alexandria
8	Vulcan Coal Co.	David R. Morgan	Madera
1	W. & B. Coal Co.	R. I. Wycoff	Elizabeth R.D.2
27	W. B. & P. Coal Co.	Mike Warbolic	Utahville R.D.
18	W. & H. Coal Co.	Walter Eichenlaub	Ashville R.D.
31	Wabash Ridge Corp. *	George R. Gerko	Punxsutawney
19	Wachs Coal Co.	Samuel Wachs	West Newton
7-24	Wain Coal Co.	Charles Wain	Houversville
31	Walburn Coal Co. *	John Bona	Brookport
8	Walker Coal Co., Charles C.	Charles C. Walker	Philosburg
2	Walker Coal Co., Lester	Lester C. Walker	Edgerton
11	Walkowsky, Frank	Frank Walkowsky	Johnstown
27	Wallace Coal Co.	Jesse D. Wallace	Woodland R.D.
2	Wallwork Coal Co.	Andrew C. Wallwork	Kittanning
5	Walsh Coal Co.	Myrie A. Walsh	Slippery Rock R.D.14
4	Walters Coal Mines	Jake Walters	Bumersburg
6	Wantiez Coal Co.	William Wantiez	Conyn
11-19	Ward, Thomas J. *	Thomas J. Ward	Pittsburgh 35
27	Warquier Coal Co. *	Joseph Warquier	Clearfield
32	Watkins Coal Co., H. W.	H. W. Watkins	St. Savage, Mo.
25	Watson Coal Co.	A. R. Watson	Indiana R.D.3
28	Watson Coal Co.	David Watson	Windy Gap
15	Waxel Coal Co.	W. R. Nagel	Westport
8	Waxmunsy, Frank	Frank Waxmunsy	Snow Shoe R.D.
15	Weakland Brothers Coal Co. *	B. H. Weakland	Barnesburg
15	Weakland Coal Co.	Leo Weakland	Hastings
6	Weaver & Burkett Coal Co.	Fred Burkett	Reynolds
4-5	Weaver & Sons, A. P. *	A. P. Weaver	Evoung
20	Weigle, Guy *	Guy Weigle	Frankville
32	Weimer, William D.	William D. Weimer	Rockwell
2	Wells Brothers Coal Co.	Wade C. Wells	Edgerton
31	Welsh Coal Co., Charles	Charles Welsh	Frankville
18	Wertz Brothers Coal Co.	John Wertz	Indiana R.D.1
18	Wertz Coal Co., Bill	Bill Wertz	Indiana R.D.1
8	Wertz Coal Co., D. G. *	John G. Wertz	Dunkardsburg
12	West Coal Co.	Valentine West	Indiana
28	West End Coal Co.	Samuel Glacken	Johnstown
28	West End Coal Co.	William Torak	Johnstown
2-3-4-5	West Freedom Mining Co. #8	Joseph Uzmack	Carnegie
3	Western Hickory Coal Co., Inc. *	Harry W. List	New Castle
19	Westmoreland County Institution	Henry Clausner	Greensburg
4	Westville Coal Co.	Denver Morrison	Brookway
27	Wheeler Coal Co., D. J.	D. J. Wheeler	Tucson, Ariz.
16	Whipkey Coal Co.	R. W. Whipkey	Chillico
2	White, Paul S.	Paul S. White	Avonmore
30	White Ash Coal Co.	George W. Miller	Johnstown
21	Whiteley Mining Co.	Don V. Rozell	Mount Pleasant
16	Whoolery Coal Co.	Kenneth Whoolery	Fairchance
21	Wilburn Coal Co., Lloyd	Lloyd Wilburn	Morgantown, W. Va.
15	Wilcano Coal Co.	Mike Novak	Hastings
3	Wildwood Coal Co., Div. of Rochester & Pittsburgh Coal Co.	W. J. Shields	Indiana
8	Wilkinson, George L.	George L. Wilkinson	Philipsburg R.D.
15	Wilkinson Coal Co. *	Charles Wilkinson	Ebensburg
8	Wilks, Thomas, Jr.	Thomas Wilks, Jr.	Osceola Mills R.D.
9	Wilks Brothers Stripping Co. *	Thomas Wilks, Jr.	Osceola Mills R.D.
20	Will & Will	A. G. Will	Friedens
21	Williams, H. O.	H. O. Williams	Smock
22	Williams Coal Co.	George E. Williams	Elizabeth
31	Williamson Coal Co., Hugh	Hugh Williamson	Brookway R.D.2
3-5	Willowbrook Mining Co. *	James Sartori	Slippery Rock
18	Wilson, Justus	Justus Wilson	Wells Tannery

District	Operator	Gen'l Superintendent	Address
31	Wilson Coal Co., John *	John R. Wilson	Woodland
2	Wilson Coal Co., Merle	Robert Wilson	Dayton
7	Windber High Grade Coal Co.	Francis R. Allison	Windber
24	Windber High Standard Coal Co. *	D. Krise	Windber R.D.1
24	Windber Superior Coal Co.	D. Krise	Windber R.D.1
4	Wingert Contracting Co., Inc. *	Rudolph Finkbeiner	Clarion
27	Winters Coal Co.	Floyd Winters	West Decatur
32	Witt Coal Co.	B. H. Witt	Salisbury
4	Wolbert Coal Co. *	Norbert Wolbert	Lucinda
30	Wolcott, Clyde D. & Dale M. *	Dale M. Wolcott	Indiana
16	Wood, Frank B., Jr. *	Frank B. Wood, Jr.	Ebensburg
14-19	Wood Coal Co. *	Ira Wood	Gibsonia R.D.5
15	Wood Coal Mining Co., Inc., F. B.	Frank B. Woods, Jr.	Barnesboro
32	Woods, Fred	Fred Woods	Confluence
15	Woods Coal Co.	Russell Woods	Barnesboro
3	Woods Coal Co., J. F.	J. F. Woods	Sarver R.D.2
3	Woods & Morris Coal Co.	J. F. Woods, Jr.	Tarentum R.D.4
32	Woods Smokeless Coal Co., Wm.	William Woods	Confluence
11	Woodward, Leroy	Leroy Woodward	Saltsburg R.D.2
27	Woolridge Coal Co., Inc. *	Irvin Stewart	Woodland R.D.
12	Worthville Coal Co.	William G. Mauk	Punxsutawney
19	Wray Coal Co., Inc.	Wallace Wray	Elizabeth
18	Wrays Hill Coal Co.	Ernest Thomas	Saltillo
13	Wright Brothers	William Wright	Six Mile Run
3-17	Wright Coal Co., Grant R. *	G. R. Wright	Fombell R.D.1
31	Wriglesworth Coal Co., Teddy J.	Teddy J. Wriglesworth	Grampian
11	Yack, M. J.	M. J. Yack	Seward
24	Yania Brothes Coal Co.	Walter J. Yania	Central City R.D.1
32	Yantus & Zubek *	Steve Yantus	Central City
24	Yarnell Brothers Coal Co.	Frank Yarnell	Alum Bank
15	Yeager Coal Co.	Merle Yeager	Hastings
8	Yebernetsky, Metro *	Metro Yebernetsky	Houtzdale
19	Yezek Coal Co.	William Yezek	Mt. Pleasant
20	Yoder & Hay	Royden Yoder	Friedens
27	Yorkshire Coal Co.	Margaret McGlynn	Madera
21	Yoskovich & Volek	Joseph Yoskovich	Pittsburgh 34
27	Youhon Coal Co., Kathryn	Wallace Youhon	Brisbin
32	Younkin, Morris	Morris Younkin	Rockwood
7-20	Z. & P. Coal Co.	John Zablotney	Boswell R.D.2
4	Zacherl, Bernard	Bernard Zacherl	Oil City
4	Zacherl Coal Co., Inc. *	Raymond Zacherl	Oil City
27	Zakutney & Grove Coal Co.	Thomas Zakutney	Houtzdale
31	Zambanni & Brunelli Coal Co.	Leo Zambanni	Force
21	Zaycosky Coal Co., John	John Zaycosky	Dilliner
19	Zeglin Coal Co. *	Fred Zeglin	Claridge
18	Zelanko, M. A.	M. A. Zelanko	Six Mile Run R.D.
15	Zelanko & Son, Joseph	Joseph Zelanko, Sr.	Six Mile Run R.D.
27	Zelenky Coal Co., John & Joseph	John Zelenky	Grassflat
15	Zemlock Coal Co.	John Zemlock	Spangler
2	Zitzelberger Coal Co.	Richard Zitzelberger	Brookville
1	Zippay Coal Co., George	George Zippay	Charleroi R.D.
32	Zook, Andy	Andy Zook	Meyersdale
4	Zuck Coal Co. *	F. Gerald Zuck	Shipperville
11	Zufall, Clarence	Clarence Zufall	Mt. Pleasant R.D.1
19	Zufall Brothers Coal Co.	Joseph Zufall	Mt. Pleasant

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